

```

3759518.9,      237.0,      402.1,      0.0);
( 463900.7, 3759518.9,      238.2,      402.1,      0.0);      ( 463950.7,
3759518.9,      247.9,      402.1,      0.0);
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 464000.7, 3759518.9,      252.4,      402.1,      0.0);      ( 464050.7,
3759518.9,      253.1,      402.1,      0.0);
( 464300.7, 3759518.9,      248.8,      402.1,      0.0);      ( 464350.7,
3759518.9,      245.3,      402.1,      0.0);
( 463900.7, 3759558.9,      237.8,      402.1,      0.0);      ( 463950.7,
3759558.9,      246.2,      402.1,      0.0);
( 464000.7, 3759558.9,      250.5,      402.1,      0.0);      ( 464350.7,
3759558.9,      245.4,      402.1,      0.0);
( 464400.7, 3759558.9,      243.7,      402.1,      0.0);      ( 463950.7,
3759598.9,      242.9,      402.1,      0.0);
( 464517.4, 3759346.7,      243.1,      402.1,      0.0);      ( 464567.4,
3759346.7,      243.3,      402.1,      0.0);
( 464617.4, 3759346.7,      243.4,      402.1,      0.0);      ( 464517.4,
3759396.7,      243.0,      402.1,      0.0);
( 464567.4, 3759396.7,      242.9,      402.1,      0.0);      ( 464617.4,
3759396.7,      243.0,      402.1,      0.0);
( 464517.4, 3759446.7,      242.5,      402.1,      0.0);      ( 464567.4,
3759446.7,      242.8,      402.1,      0.0);
( 464617.4, 3759446.7,      243.9,      402.1,      0.0);      ( 464694.8,
3759819.8,      246.3,      402.1,      0.0);
( 464809.8, 3759568.5,      256.0,      402.1,      0.0);      ( 464859.8,
3759568.5,      256.2,      402.1,      0.0);
( 464609.8, 3759618.5,      243.6,      402.1,      0.0);      ( 464659.8,
3759618.5,      245.9,      402.1,      0.0);
( 464709.8, 3759618.5,      254.7,      402.1,      0.0);      ( 464759.8,
3759618.5,      256.7,      402.1,      0.0);
( 464809.8, 3759618.5,      255.9,      402.1,      0.0);      ( 464859.8,
3759618.5,      255.7,      402.1,      0.0);
( 464609.8, 3759668.5,      243.7,      402.1,      0.0);      ( 464659.8,
3759668.5,      244.1,      402.1,      0.0);
( 464709.8, 3759668.5,      249.5,      402.1,      0.0);      ( 464759.8,
3759668.5,      255.0,      402.1,      0.0);
( 464809.8, 3759668.5,      254.8,      402.1,      0.0);      ( 464859.8,
3759668.5,      254.2,      402.1,      0.0);
( 464609.8, 3759718.5,      243.5,      402.1,      0.0);      ( 464659.8,
3759718.5,      243.9,      402.1,      0.0);

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|                                      |       |             |
|--------------------------------------|-------|-------------|
| ( 464709.8, 3759718.5, 246.2, 402.1, | 0.0); | ( 464759.8, |
| 3759718.5, 251.1, 402.1, 0.0);       |       |             |
| ( 464444.6, 3759555.6, 242.4, 402.1, | 0.0); | ( 464494.6, |
| 3759555.6, 242.3, 402.1, 0.0);       |       |             |
| ( 464544.6, 3759555.6, 243.5, 402.1, | 0.0); | ( 464444.6, |
| 3759605.6, 242.3, 402.1, 0.0);       |       |             |
| ( 464494.6, 3759605.6, 242.3, 402.1, | 0.0); | ( 464544.6, |
| 3759605.6, 242.8, 402.1, 0.0);       |       |             |
| ( 464444.6, 3759655.6, 242.1, 402.1, | 0.0); | ( 464494.6, |
| 3759655.6, 242.6, 402.1, 0.0);       |       |             |
| ( 464544.6, 3759655.6, 242.7, 402.1, | 0.0); | ( 463980.9, |
| 3759596.8, 244.2, 402.1, 0.0);       |       |             |
| ( 464030.9, 3759596.8, 240.8, 402.1, | 0.0); | ( 464080.9, |
| 3759596.8, 240.5, 402.1, 0.0);       |       |             |
| ( 464130.9, 3759596.8, 243.7, 402.1, | 0.0); | ( 464180.9, |
| 3759596.8, 245.8, 402.1, 0.0);       |       |             |
| ( 464230.9, 3759596.8, 242.5, 402.1, | 0.0); | ( 464280.9, |
| 3759596.8, 243.2, 402.1, 0.0);       |       |             |
| ( 464330.9, 3759596.8, 244.2, 402.1, | 0.0); | ( 464380.9, |
| 3759596.8, 243.6, 402.1, 0.0);       |       |             |
| ( 463980.9, 3759646.8, 237.9, 402.1, | 0.0); | ( 464030.9, |
| 3759646.8, 238.2, 402.1, 0.0);       |       |             |
| ( 464080.9, 3759646.8, 238.9, 402.1, | 0.0); | ( 464130.9, |
| 3759646.8, 239.6, 402.1, 0.0);       |       |             |
| ( 464180.9, 3759646.8, 240.4, 402.1, | 0.0); | ( 464230.9, |
| 3759646.8, 241.2, 402.1, 0.0);       |       |             |
| ( 464280.9, 3759646.8, 241.5, 402.1, | 0.0); | ( 464330.9, |
| 3759646.8, 242.0, 402.1, 0.0);       |       |             |
| ( 464380.9, 3759646.8, 241.5, 402.1, | 0.0); | ( 463980.9, |
| 3759696.8, 238.0, 402.1, 0.0);       |       |             |
| ( 464030.9, 3759696.8, 238.2, 402.1, | 0.0); | ( 464080.9, |
| 3759696.8, 238.6, 402.1, 0.0);       |       |             |
| ( 464130.9, 3759696.8, 239.8, 402.1, | 0.0); | ( 464180.9, |
| 3759696.8, 240.8, 402.1, 0.0);       |       |             |
| ( 464230.9, 3759696.8, 241.5, 402.1, | 0.0); | ( 464280.9, |
| 3759696.8, 242.2, 402.1, 0.0);       |       |             |
| ( 464330.9, 3759696.8, 242.6, 402.1, | 0.0); | ( 464380.9, |
| 3759696.8, 241.4, 402.1, 0.0);       |       |             |
| ( 464450.8, 3759744.2, 242.5, 402.1, | 0.0); | ( 464030.9, |
| 3759746.8, 238.7, 402.1, 0.0);       |       |             |
| ( 464080.9, 3759746.8, 239.7, 402.1, | 0.0); | ( 464130.9, |
| 3759746.8, 240.8, 402.1, 0.0);       |       |             |
| ( 464180.9, 3759746.8, 241.3, 402.1, | 0.0); | ( 464230.9, |
| 3759746.8, 241.6, 402.1, 0.0);       |       |             |
| ( 464280.9, 3759746.8, 242.0, 402.1, | 0.0); | ( 464330.9, |
| 3759746.8, 242.7, 402.1, 0.0);       |       |             |
| ( 464380.9, 3759746.8, 242.7, 402.1, | 0.0); | ( 463980.9, |
| 3759796.8, 240.0, 402.1, 0.0);       |       |             |
| ( 464030.9, 3759796.8, 240.5, 402.1, | 0.0); | ( 464080.9, |
| 3759796.8, 241.9, 402.1, 0.0);       |       |             |
| ( 464130.9, 3759796.8, 242.6, 402.1, | 0.0); | ( 464180.9, |

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3759796.8,      241.8,      402.1,      0.0);
( 464230.9, 3759796.8,      242.4,      402.1,      0.0);      ( 464280.9,
3759796.8,      243.1,      402.1,      0.0);
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 464330.9, 3759796.8,      244.4,      402.1,      0.0);      ( 464380.9,
3759796.8,      246.7,      402.1,      0.0);
( 464788.2, 3759737.2,      249.0,      402.1,      0.0);      ( 464838.2,
3759737.2,      248.6,      402.1,      0.0);
( 464888.2, 3759737.2,      250.2,      402.1,      0.0);      ( 464938.2,
3759737.2,      253.6,      402.1,      0.0);
( 464988.2, 3759737.2,      254.9,      402.1,      0.0);      ( 465038.2,
3759737.2,      255.4,      255.4,      0.0);
( 465088.2, 3759737.2,      255.7,      255.7,      0.0);      ( 465138.2,
3759737.2,      256.3,      256.3,      0.0);
( 465188.2, 3759737.2,      256.7,      256.7,      0.0);      ( 465238.2,
3759737.2,      257.0,      257.0,      0.0);
( 465288.2, 3759737.2,      257.2,      257.2,      0.0);      ( 465338.2,
3759737.2,      257.0,      257.0,      0.0);
( 465388.2, 3759737.2,      257.7,      257.7,      0.0);      ( 464788.2,
3759787.2,      246.8,      402.1,      0.0);
( 464838.2, 3759787.2,      247.6,      402.1,      0.0);      ( 464888.2,
3759787.2,      249.8,      402.1,      0.0);
( 464938.2, 3759787.2,      252.4,      402.1,      0.0);      ( 464988.2,
3759787.2,      255.0,      402.1,      0.0);
( 465038.2, 3759787.2,      256.0,      256.0,      0.0);      ( 465088.2,
3759787.2,      256.4,      256.4,      0.0);
( 465138.2, 3759787.2,      256.8,      256.8,      0.0);      ( 465188.2,
3759787.2,      257.1,      257.1,      0.0);
( 465238.2, 3759787.2,      258.0,      258.0,      0.0);      ( 465288.2,
3759787.2,      258.0,      258.0,      0.0);
( 465338.2, 3759787.2,      258.2,      258.2,      0.0);      ( 465388.2,
3759787.2,      259.2,      259.2,      0.0);
( 464788.2, 3759837.2,      246.6,      402.1,      0.0);      ( 464838.2,
3759837.2,      247.3,      402.1,      0.0);
( 464888.2, 3759837.2,      249.6,      402.1,      0.0);      ( 464938.2,
3759837.2,      254.4,      402.1,      0.0);
( 464988.2, 3759837.2,      255.4,      402.1,      0.0);      ( 465038.2,
3759837.2,      256.4,      402.1,      0.0);
( 465088.2, 3759837.2,      256.6,      256.6,      0.0);      ( 465138.2,
3759837.2,      257.1,      257.1,      0.0);

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|                                      |       |             |
|--------------------------------------|-------|-------------|
| ( 465188.2, 3759837.2, 257.4, 257.4, | 0.0); | ( 465238.2, |
| 3759837.2, 258.3, 258.3,             | 0.0); |             |
| ( 465288.2, 3759837.2, 258.5, 258.5, | 0.0); | ( 465338.2, |
| 3759837.2, 258.9, 258.9,             | 0.0); |             |
| ( 465388.2, 3759837.2, 259.3, 259.3, | 0.0); | ( 464788.2, |
| 3759887.2, 247.1, 402.1,             | 0.0); |             |
| ( 464838.2, 3759887.2, 248.5, 402.1, | 0.0); | ( 464888.2, |
| 3759887.2, 252.5, 402.1,             | 0.0); |             |
| ( 464938.2, 3759887.2, 254.8, 402.1, | 0.0); | ( 464988.2, |
| 3759887.2, 255.8, 402.1,             | 0.0); |             |
| ( 465038.2, 3759887.2, 256.5, 402.1, | 0.0); | ( 465088.2, |
| 3759887.2, 256.8, 256.8,             | 0.0); |             |
| ( 465138.2, 3759887.2, 257.1, 257.1, | 0.0); | ( 465188.2, |
| 3759887.2, 257.6, 257.6,             | 0.0); |             |
| ( 465238.2, 3759887.2, 258.0, 258.0, | 0.0); | ( 465288.2, |
| 3759887.2, 258.7, 258.7,             | 0.0); |             |
| ( 465338.2, 3759887.2, 258.2, 258.2, | 0.0); | ( 465388.2, |
| 3759887.2, 259.4, 259.4,             | 0.0); |             |
| ( 464788.2, 3759937.2, 249.1, 402.1, | 0.0); | ( 464838.2, |
| 3759937.2, 250.8, 402.1,             | 0.0); |             |
| ( 464888.2, 3759937.2, 253.8, 402.1, | 0.0); | ( 464938.2, |
| 3759937.2, 255.2, 402.1,             | 0.0); |             |
| ( 464988.2, 3759937.2, 255.8, 402.1, | 0.0); | ( 465038.2, |
| 3759937.2, 256.2, 402.1,             | 0.0); |             |
| ( 465088.2, 3759937.2, 256.8, 256.8, | 0.0); | ( 465138.2, |
| 3759937.2, 257.0, 257.0,             | 0.0); |             |
| ( 465188.2, 3759937.2, 257.5, 257.5, | 0.0); | ( 465238.2, |
| 3759937.2, 258.0, 258.0,             | 0.0); |             |
| ( 465288.2, 3759937.2, 258.7, 258.7, | 0.0); | ( 465338.2, |
| 3759937.2, 258.8, 258.8,             | 0.0); |             |
| ( 465388.2, 3759937.2, 259.4, 259.4, | 0.0); | ( 464959.2, |
| 3759453.0, 258.4, 258.4,             | 0.0); |             |
| ( 465009.2, 3759453.0, 258.3, 258.3, | 0.0); | ( 465059.2, |
| 3759453.0, 258.6, 258.6,             | 0.0); |             |
| ( 465109.2, 3759453.0, 259.1, 259.1, | 0.0); | ( 465159.2, |
| 3759453.0, 260.0, 260.0,             | 0.0); |             |
| ( 465209.2, 3759453.0, 260.2, 260.2, | 0.0); | ( 465259.2, |
| 3759453.0, 260.7, 260.7,             | 0.0); |             |
| ( 465309.2, 3759453.0, 261.2, 261.2, | 0.0); | ( 465359.2, |
| 3759453.0, 261.7, 261.7,             | 0.0); |             |
| ( 465409.2, 3759453.0, 261.9, 261.9, | 0.0); | ( 465459.2, |
| 3759453.0, 262.4, 262.4,             | 0.0); |             |
| ( 465509.2, 3759453.0, 262.9, 262.9, | 0.0); | ( 464959.2, |
| 3759503.0, 257.2, 257.2,             | 0.0); |             |
| ( 465009.2, 3759503.0, 257.8, 257.8, | 0.0); | ( 465059.2, |
| 3759503.0, 258.4, 258.4,             | 0.0); |             |
| ( 465109.2, 3759503.0, 258.9, 258.9, | 0.0); | ( 465159.2, |
| 3759503.0, 259.6, 259.6,             | 0.0); |             |
| ( 465209.2, 3759503.0, 260.1, 260.1, | 0.0); | ( 465259.2, |
| 3759503.0, 260.5, 260.5,             | 0.0); |             |
| ( 465309.2, 3759503.0, 260.6, 260.6, | 0.0); | ( 465359.2, |

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3759503.0,      261.1,      261.1,      0.0);
( 465409.2, 3759503.0,      261.4,      261.4,      0.0);      ( 465459.2,
3759503.0,      262.0,      262.0,      0.0);
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 465509.2, 3759503.0,      263.0,      263.0,      0.0);      ( 464959.2,
3759553.0,      256.3,      256.3,      0.0);
( 465009.2, 3759553.0,      257.4,      257.4,      0.0);      ( 465059.2,
3759553.0,      258.2,      258.2,      0.0);
( 465109.2, 3759553.0,      258.7,      258.7,      0.0);      ( 465159.2,
3759553.0,      259.2,      259.2,      0.0);
( 465209.2, 3759553.0,      259.8,      259.8,      0.0);      ( 465259.2,
3759553.0,      260.1,      260.1,      0.0);
( 465309.2, 3759553.0,      259.9,      259.9,      0.0);      ( 465359.2,
3759553.0,      260.1,      260.1,      0.0);
( 465409.2, 3759553.0,      261.8,      261.8,      0.0);      ( 465459.2,
3759553.0,      262.3,      262.3,      0.0);
( 465509.2, 3759553.0,      263.2,      263.2,      0.0);      ( 464959.2,
3759603.0,      255.7,      255.7,      0.0);
( 465009.2, 3759603.0,      256.3,      256.3,      0.0);      ( 465059.2,
3759603.0,      257.2,      257.2,      0.0);
( 465109.2, 3759603.0,      257.4,      257.4,      0.0);      ( 465159.2,
3759603.0,      258.0,      258.0,      0.0);
( 465209.2, 3759603.0,      259.0,      259.0,      0.0);      ( 465259.2,
3759603.0,      259.4,      259.4,      0.0);
( 465309.2, 3759603.0,      259.4,      259.4,      0.0);      ( 465359.2,
3759603.0,      259.5,      259.5,      0.0);
( 465409.2, 3759603.0,      261.1,      261.1,      0.0);      ( 465459.2,
3759603.0,      261.4,      261.4,      0.0);
( 465509.2, 3759603.0,      262.0,      262.0,      0.0);      ( 464959.2,
3759653.0,      255.1,      402.1,      0.0);
( 465009.2, 3759653.0,      252.9,      252.9,      0.0);      ( 465059.2,
3759653.0,      255.8,      255.8,      0.0);
( 465109.2, 3759653.0,      256.0,      256.0,      0.0);      ( 465159.2,
3759653.0,      256.8,      256.8,      0.0);
( 465209.2, 3759653.0,      257.9,      257.9,      0.0);      ( 465259.2,
3759653.0,      258.2,      258.2,      0.0);
( 465309.2, 3759653.0,      258.4,      258.4,      0.0);      ( 465359.2,
3759653.0,      259.1,      259.1,      0.0);
( 465409.2, 3759653.0,      258.8,      258.8,      0.0);      ( 465459.2,
3759653.0,      258.9,      258.9,      0.0);

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|                        |        |        |       |             |
|------------------------|--------|--------|-------|-------------|
| ( 465509.2, 3759653.0, | 259.5, | 259.5, | 0.0); | ( 464959.2, |
| 3759703.0,             | 255.1, | 402.1, | 0.0); |             |
| ( 465009.2, 3759703.0, | 254.5, | 254.5, | 0.0); | ( 465059.2, |
| 3759703.0,             | 254.9, | 254.9, | 0.0); |             |
| ( 465109.2, 3759703.0, | 255.7, | 255.7, | 0.0); | ( 465159.2, |
| 3759703.0,             | 256.3, | 256.3, | 0.0); |             |
| ( 465209.2, 3759703.0, | 257.0, | 257.0, | 0.0); | ( 465259.2, |
| 3759703.0,             | 257.2, | 257.2, | 0.0); |             |
| ( 465309.2, 3759703.0, | 257.3, | 257.3, | 0.0); | ( 465359.2, |
| 3759703.0,             | 257.6, | 257.6, | 0.0); |             |
| ( 465409.2, 3759703.0, | 258.0, | 258.0, | 0.0); | ( 465459.2, |
| 3759703.0,             | 258.6, | 258.6, | 0.0); |             |
| ( 465509.2, 3759703.0, | 259.5, | 259.5, | 0.0); | ( 465161.0, |
| 3759198.3,             | 260.9, | 260.9, | 0.0); |             |
| ( 465211.0, 3759198.3, | 261.3, | 261.3, | 0.0); | ( 465261.0, |
| 3759198.3,             | 261.8, | 261.8, | 0.0); |             |
| ( 465311.0, 3759198.3, | 262.4, | 262.4, | 0.0); | ( 465361.0, |
| 3759198.3,             | 263.1, | 263.1, | 0.0); |             |
| ( 465161.0, 3759248.3, | 260.5, | 260.5, | 0.0); | ( 465211.0, |
| 3759248.3,             | 260.8, | 260.8, | 0.0); |             |
| ( 465261.0, 3759248.3, | 261.4, | 261.4, | 0.0); | ( 465311.0, |
| 3759248.3,             | 261.9, | 261.9, | 0.0); |             |
| ( 465361.0, 3759248.3, | 262.7, | 262.7, | 0.0); | ( 465161.0, |
| 3759298.3,             | 260.4, | 260.4, | 0.0); |             |
| ( 465211.0, 3759298.3, | 260.3, | 260.3, | 0.0); | ( 465261.0, |
| 3759298.3,             | 261.0, | 261.0, | 0.0); |             |
| ( 465311.0, 3759298.3, | 261.6, | 261.6, | 0.0); | ( 465361.0, |
| 3759298.3,             | 262.2, | 262.2, | 0.0); |             |
| ( 465161.0, 3759348.3, | 260.1, | 260.1, | 0.0); | ( 465211.0, |
| 3759348.3,             | 260.3, | 260.3, | 0.0); |             |
| ( 465261.0, 3759348.3, | 261.2, | 261.2, | 0.0); | ( 465311.0, |
| 3759348.3,             | 261.6, | 261.6, | 0.0); |             |
| ( 465361.0, 3759348.3, | 262.1, | 262.1, | 0.0); | ( 465161.0, |
| 3759398.3,             | 259.7, | 259.7, | 0.0); |             |
| ( 465211.0, 3759398.3, | 260.2, | 260.2, | 0.0); | ( 465261.0, |
| 3759398.3,             | 260.8, | 260.8, | 0.0); |             |
| ( 465311.0, 3759398.3, | 261.4, | 261.4, | 0.0); | ( 465361.0, |
| 3759398.3,             | 261.9, | 261.9, | 0.0); |             |
| ( 464719.9, 3759036.2, | 258.4, | 261.9, | 0.0); | ( 464769.9, |
| 3759036.2,             | 257.9, | 261.8, | 0.0); |             |
| ( 464819.9, 3759036.2, | 259.4, | 259.4, | 0.0); | ( 464869.9, |
| 3759036.2,             | 261.1, | 261.1, | 0.0); |             |
| ( 464919.9, 3759036.2, | 260.6, | 260.6, | 0.0); | ( 464969.9, |
| 3759036.2,             | 258.6, | 258.6, | 0.0); |             |
| ( 464719.9, 3759086.2, | 246.8, | 262.2, | 0.0); | ( 464769.9, |
| 3759086.2,             | 246.7, | 262.5, | 0.0); |             |
| ( 464819.9, 3759086.2, | 252.0, | 262.1, | 0.0); | ( 464869.9, |
| 3759086.2,             | 256.1, | 262.1, | 0.0); |             |
| ( 464919.9, 3759086.2, | 254.5, | 262.1, | 0.0); | ( 464969.9, |
| 3759086.2,             | 250.8, | 262.1, | 0.0); |             |
| ( 464719.9, 3759136.2, | 245.0, | 262.2, | 0.0); | ( 464769.9, |

3759136.2, 244.2, 262.5, 0.0);  
( 464819.9, 3759136.2, 244.4, 262.5, 0.0); ( 464869.9,  
3759136.2, 245.0, 262.5, 0.0);  
^ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 464919.9, 3759136.2, 244.8, 262.5, 0.0); ( 464969.9,  
3759136.2, 244.8, 262.5, 0.0);  
( 464719.9, 3759186.2, 245.1, 261.1, 0.0); ( 464769.9,  
3759186.2, 244.5, 259.7, 0.0);  
( 464819.9, 3759186.2, 244.4, 262.1, 0.0); ( 464869.9,  
3759186.2, 244.4, 262.1, 0.0);  
( 464919.9, 3759186.2, 244.4, 262.1, 0.0); ( 464969.9,  
3759186.2, 245.6, 260.0, 0.0);  
( 464719.9, 3759236.2, 245.3, 402.1, 0.0); ( 464769.9,  
3759236.2, 244.5, 244.5, 0.0);  
( 464819.9, 3759236.2, 244.3, 258.9, 0.0); ( 464869.9,  
3759236.2, 245.5, 259.4, 0.0);  
( 464919.9, 3759236.2, 248.3, 259.5, 0.0);

^ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT  
BE PERFORMED \*  
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR  
FASTAREA/FASTALL

| DISTANCE | SOURCE    | - - RECEPTOR LOCATION - - |
|----------|-----------|---------------------------|
| (METERS) | ID        | XR (METERS) YR (METERS)   |
| - - -    | - - - - - | - - - - -                 |
|          | L0000099  | 464859.8 3759668.5        |

|          |          |           |
|----------|----------|-----------|
| L0000100 | 464859.8 | 3759668.5 |
| L0000110 | 465009.2 | 3759603.0 |
| L0000111 | 465009.2 | 3759603.0 |
| L0000115 | 465059.2 | 3759553.0 |
| L0000118 | 465109.2 | 3759553.0 |
| L0000122 | 465159.2 | 3759503.0 |
| L0000123 | 465159.2 | 3759503.0 |
| L0000130 | 465259.2 | 3759453.0 |
| L0000131 | 465259.2 | 3759453.0 |
| L0000137 | 465361.0 | 3759398.3 |
| L0000138 | 465361.0 | 3759398.3 |

```

^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

```

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

PROCESSING \*\*\*

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

CATEGORIES \*\*\*  
\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED  
(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL  
DATA \*\*\*

Surface file: KRAL\_v9.SFC  
Met Version: 16216  
Profile file: KRAL\_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190  
Name: UNKNOWN Name: UNKNOWN  
Year: 2012 Year: 2012

First 24 hours of scalar data

| YR     | MO   | DY  | JDY  | HR    | H0    | U*    | W*     | DT/DZ  | ZICNV | ZIMCH | M-O  | LEN  | Z0   | BOWEN |
|--------|------|-----|------|-------|-------|-------|--------|--------|-------|-------|------|------|------|-------|
| ALBEDO | REF  | WS  | WD   | HT    | REF   | TA    | HT     |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 01    | -25.6 | 0.266 | -9.000 | -9.000 | -999. | 330.  | 77.9 | 0.15 | 2.40 |       |
| 1.00   | 2.93 | 55. | 10.1 | 288.1 | 2.0   |       |        |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 02    | -26.8 | 0.277 | -9.000 | -9.000 | -999. | 351.  | 84.7 | 0.15 | 2.40 |       |
| 1.00   | 3.05 | 55. | 10.1 | 287.0 | 2.0   |       |        |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 03    | -21.5 | 0.221 | -9.000 | -9.000 | -999. | 250.  | 53.5 | 0.15 | 2.40 |       |
| 1.00   | 2.45 | 74. | 10.1 | 284.2 | 2.0   |       |        |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 04    | -22.0 | 0.227 | -9.000 | -9.000 | -999. | 260.  | 56.8 | 0.15 | 2.40 |       |
| 1.00   | 2.52 | 77. | 10.1 | 285.9 | 2.0   |       |        |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 05    | -20.0 | 0.206 | -9.000 | -9.000 | -999. | 225.  | 46.8 | 0.15 | 2.40 |       |
| 1.00   | 2.30 | 80. | 10.1 | 285.4 | 2.0   |       |        |        |       |       |      |      |      |       |
| 12     | 01   | 01  | 1    | 06    | -14.4 | 0.171 | -9.000 | -9.000 | -999. | 170.  | 32.1 | 0.15 | 2.40 |       |

|      |      |      |      |       |       |       |        |        |       |      |        |      |      |
|------|------|------|------|-------|-------|-------|--------|--------|-------|------|--------|------|------|
| 1.00 | 1.93 | 79.  | 10.1 | 287.0 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 07    | -14.9 | 0.174 | -9.000 | -9.000 | -999. | 174. | 33.2   | 0.15 | 2.40 |
| 1.00 | 1.96 | 77.  | 10.1 | 284.2 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 08    | -11.9 | 0.169 | -9.000 | -9.000 | -999. | 167. | 36.1   | 0.15 | 2.40 |
| 0.53 | 1.89 | 77.  | 10.1 | 288.1 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 09    | 40.4  | 0.234 | 0.359  | 0.006  | 40.   | 272. | -28.1  | 0.15 | 2.40 |
| 0.31 | 2.10 | 81.  | 10.1 | 289.2 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 10    | 112.6 | 0.246 | 0.742  | 0.005  | 129.  | 293. | -11.8  | 0.15 | 2.40 |
| 0.24 | 1.99 | 101. | 10.1 | 296.4 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 11    | 161.0 | 0.402 | 1.188  | 0.005  | 369.  | 611. | -35.6  | 0.15 | 2.40 |
| 0.21 | 3.68 | 78.  | 10.1 | 298.8 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 12    | 184.7 | 0.337 | 1.516  | 0.005  | 668.  | 473. | -18.4  | 0.15 | 2.40 |
| 0.20 | 2.89 | 68.  | 10.1 | 300.4 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 13    | 183.9 | 0.310 | 1.809  | 0.005  | 1139. | 414. | -14.2  | 0.15 | 2.40 |
| 0.20 | 2.57 | 64.  | 10.1 | 302.5 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 14    | 156.6 | 0.374 | 1.852  | 0.005  | 1434. | 549. | -29.5  | 0.15 | 2.40 |
| 0.22 | 3.37 | 63.  | 10.1 | 303.1 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 15    | 104.3 | 0.382 | 1.658  | 0.005  | 1546. | 567. | -47.2  | 0.15 | 2.40 |
| 0.25 | 3.59 | 62.  | 10.1 | 302.5 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 16    | 31.8  | 0.374 | 1.123  | 0.005  | 1573. | 550. | -145.8 | 0.15 | 2.40 |
| 0.34 | 3.76 | 69.  | 10.1 | 300.9 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 17    | -23.3 | 0.276 | -9.000 | -9.000 | -999. | 354. | 84.0   | 0.15 | 2.40 |
| 0.62 | 3.03 | 59.  | 10.1 | 297.5 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 18    | -21.5 | 0.229 | -9.000 | -9.000 | -999. | 264. | 57.8   | 0.15 | 2.40 |
| 1.00 | 2.54 | 54.  | 10.1 | 295.4 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 19    | -19.3 | 0.204 | -9.000 | -9.000 | -999. | 221. | 45.6   | 0.15 | 2.40 |
| 1.00 | 2.27 | 79.  | 10.1 | 292.0 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 20    | -20.7 | 0.218 | -9.000 | -9.000 | -999. | 244. | 52.2   | 0.15 | 2.40 |
| 1.00 | 2.42 | 79.  | 10.1 | 292.5 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 21    | -19.7 | 0.206 | -9.000 | -9.000 | -999. | 225. | 46.9   | 0.15 | 2.40 |
| 1.00 | 2.30 | 95.  | 10.1 | 290.9 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 22    | -17.6 | 0.190 | -9.000 | -9.000 | -999. | 199. | 39.8   | 0.15 | 2.40 |
| 1.00 | 2.13 | 78.  | 10.1 | 290.4 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 23    | -20.3 | 0.211 | -9.000 | -9.000 | -999. | 233. | 49.0   | 0.15 | 2.40 |
| 1.00 | 2.35 | 52.  | 10.1 | 289.2 | 2.0   |       |        |        |       |      |        |      |      |
| 12   | 01   | 01   | 1    | 24    | -16.4 | 0.183 | -9.000 | -9.000 | -999. | 189. | 37.0   | 0.15 | 2.40 |
| 1.00 | 2.06 | 75.  | 10.1 | 288.8 | 2.0   |       |        |        |       |      |        |      |      |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| 12 | 01 | 01 | 01 | 10.1   | 1 | 55.  | 2.93 | 288.2   | 99.0   | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 21112 \*\*\*  
 Structure \*\*\*  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\*  
 11/22/24  
 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| 463865.09   | 3759834.01  | 0.07898 | 463915.09   |
| 3759834.01  | 0.09174     |         |             |
| 463965.09   | 3759834.01  | 0.10668 | 464015.09   |
| 3759834.01  | 0.12530     |         |             |
| 464065.09   | 3759834.01  | 0.14971 | 464115.09   |
| 3759834.01  | 0.18218     |         |             |
| 464165.09   | 3759834.01  | 0.22737 | 464215.09   |
| 3759834.01  | 0.29160     |         |             |
| 464265.09   | 3759834.01  | 0.38524 | 464315.09   |
| 3759834.01  | 0.51658     |         |             |
| 464365.09   | 3759834.01  | 0.70982 | 464415.09   |
| 3759834.01  | 1.06348     |         |             |
| 464465.09   | 3759834.01  | 1.98296 | 464515.09   |
| 3759834.01  | 3.47169     |         |             |
| 463865.09   | 3759884.01  | 0.07315 | 463915.09   |
| 3759884.01  | 0.08251     |         |             |
| 463965.09   | 3759884.01  | 0.09479 | 464015.09   |
| 3759884.01  | 0.11140     |         |             |
| 464065.09   | 3759884.01  | 0.13269 | 464115.09   |
| 3759884.01  | 0.16160     |         |             |
| 464165.09   | 3759884.01  | 0.19974 | 464215.09   |
| 3759884.01  | 0.24996     |         |             |
| 464265.09   | 3759884.01  | 0.31339 | 464315.09   |
| 3759884.01  | 0.39622     |         |             |
| 464365.09   | 3759884.01  | 0.52384 | 464415.09   |
| 3759884.01  | 0.71943     |         |             |
| 464465.09   | 3759884.01  | 1.06881 | 464515.09   |
| 3759884.01  | 1.54215     |         |             |
| 464565.09   | 3759884.01  | 2.00016 | 463865.09   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759934.01 | 0.06688    |         |           |
| 463915.09  | 3759934.01 | 0.07535 | 463965.09 |
| 3759934.01 | 0.08567    |         |           |
| 464115.09  | 3759934.01 | 0.13886 | 464165.09 |
| 3759934.01 | 0.17265    |         |           |
| 464215.09  | 3759934.01 | 0.21089 | 464265.09 |
| 3759934.01 | 0.25158    |         |           |
| 464315.09  | 3759934.01 | 0.31130 | 464365.09 |
| 3759934.01 | 0.39497    |         |           |
| 464415.09  | 3759934.01 | 0.50524 | 464465.09 |
| 3759934.01 | 0.65040    |         |           |
| 464515.09  | 3759934.01 | 0.81201 | 464565.09 |
| 3759934.01 | 0.92889    |         |           |
| 464665.09  | 3759934.01 | 0.91391 | 463865.09 |
| 3759984.01 | 0.06154    |         |           |
| 464115.09  | 3759984.01 | 0.12075 | 464165.09 |
| 3759984.01 | 0.14596    |         |           |
| 464215.09  | 3759984.01 | 0.17735 | 464265.09 |
| 3759984.01 | 0.20897    |         |           |
| 464315.09  | 3759984.01 | 0.24975 | 464365.09 |
| 3759984.01 | 0.30208    |         |           |
| 464415.09  | 3759984.01 | 0.36412 | 464465.09 |
| 3759984.01 | 0.43277    |         |           |
| 464515.09  | 3759984.01 | 0.49643 | 464565.09 |
| 3759984.01 | 0.53767    |         |           |
| 464615.09  | 3759984.01 | 0.54435 | 464665.09 |
| 3759984.01 | 0.51954    |         |           |
| 464765.09  | 3759984.01 | 0.42796 | 464865.09 |
| 3759984.01 | 0.32749    |         |           |
| 464915.09  | 3759984.01 | 0.28501 | 464165.09 |
| 3760034.01 | 0.12512    |         |           |
| 464215.09  | 3760034.01 | 0.14981 | 464265.09 |
| 3760034.01 | 0.17627    |         |           |
| 464315.09  | 3760034.01 | 0.20207 | 464365.09 |
| 3760034.01 | 0.23406    |         |           |
| 464415.09  | 3760034.01 | 0.26910 | 464465.09 |
| 3760034.01 | 0.30375    |         |           |
| 464515.09  | 3760034.01 | 0.33397 | 464565.09 |
| 3760034.01 | 0.35173    |         |           |
| 464615.09  | 3760034.01 | 0.35370 | 464665.09 |
| 3760034.01 | 0.34130    |         |           |
| 464715.09  | 3760034.01 | 0.32024 | 464815.09 |
| 3760034.01 | 0.26418    |         |           |
| 464865.09  | 3760034.01 | 0.23772 | 464915.09 |
| 3760034.01 | 0.21266    |         |           |
| 465065.09  | 3760034.01 | 0.15903 | 464165.09 |
| 3760084.01 | 0.10723    |         |           |
| 464215.09  | 3760084.01 | 0.12530 | 464265.09 |
| 3760084.01 | 0.14715    |         |           |
| 464315.09  | 3760084.01 | 0.16568 | 464365.09 |
| 3760084.01 | 0.18444    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464415.09   | 3760084.01  | 0.20412 | 464465.09   |
| 3760084.01  | 0.22259     |         |             |
| 464515.09   | 3760084.01  | 0.23875 | 464565.09   |
| 3760084.01  | 0.24707     |         |             |
| 464615.09   | 3760084.01  | 0.24733 | 464665.09   |
| 3760084.01  | 0.24004     |         |             |
| 464715.09   | 3760084.01  | 0.22687 | 464865.09   |
| 3760084.01  | 0.18081     |         |             |
| 464915.09   | 3760084.01  | 0.16557 | 464965.09   |
| 3760084.01  | 0.15122     |         |             |
| 465015.09   | 3760084.01  | 0.13843 | 464115.09   |
| 3760134.01  | 0.08024     |         |             |
| 464165.09   | 3760134.01  | 0.09138 | 464215.09   |
| 3760134.01  | 0.10518     |         |             |
| 464265.09   | 3760134.01  | 0.12004 | 464315.09   |
| 3760134.01  | 0.13573     |         |             |
| 464365.09   | 3760134.01  | 0.14846 | 464415.09   |
| 3760134.01  | 0.15900     |         |             |
| 464465.09   | 3760134.01  | 0.16940 | 464515.09   |
| 3760134.01  | 0.17872     |         |             |
| 464565.09   | 3760134.01  | 0.18259 | 464615.09   |
| 3760134.01  | 0.18215     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464665.09  | 3760134.01 | 0.17758 | 464715.09 |
| 3760134.01 | 0.16981    |         |           |
| 464765.09  | 3760134.01 | 0.16099 | 464815.09 |
| 3760134.01 | 0.15163    |         |           |
| 464865.09  | 3760134.01 | 0.14189 | 464915.09 |
| 3760134.01 | 0.13217    |         |           |
| 464965.09  | 3760134.01 | 0.12261 | 465015.09 |
| 3760134.01 | 0.11350    |         |           |
| 465065.09  | 3760134.01 | 0.10531 | 463865.09 |
| 3760184.01 | 0.03988    |         |           |
| 464015.09  | 3760184.01 | 0.05598 | 464065.09 |
| 3760184.01 | 0.06226    |         |           |
| 464115.09  | 3760184.01 | 0.06958 | 464165.09 |
| 3760184.01 | 0.07829    |         |           |
| 464215.09  | 3760184.01 | 0.08856 | 464265.09 |
| 3760184.01 | 0.09844    |         |           |
| 464315.09  | 3760184.01 | 0.10959 | 464365.09 |
| 3760184.01 | 0.11991    |         |           |
| 464415.09  | 3760184.01 | 0.12771 | 464465.09 |
| 3760184.01 | 0.13380    |         |           |
| 464515.09  | 3760184.01 | 0.13758 | 464565.09 |
| 3760184.01 | 0.14015    |         |           |
| 464615.09  | 3760184.01 | 0.13958 | 464665.09 |
| 3760184.01 | 0.13666    |         |           |
| 464715.09  | 3760184.01 | 0.13193 | 464865.09 |
| 3760184.01 | 0.11400    |         |           |
| 464915.09  | 3760184.01 | 0.10769 | 464965.09 |
| 3760184.01 | 0.10137    |         |           |
| 465015.09  | 3760184.01 | 0.09485 | 465065.09 |
| 3760184.01 | 0.08870    |         |           |
| 463865.09  | 3760234.01 | 0.03460 | 463915.09 |
| 3760234.01 | 0.03976    |         |           |
| 463965.09  | 3760234.01 | 0.04421 | 464015.09 |
| 3760234.01 | 0.04923    |         |           |
| 464065.09  | 3760234.01 | 0.05442 | 464115.09 |
| 3760234.01 | 0.06091    |         |           |
| 464165.09  | 3760234.01 | 0.06807 | 464215.09 |
| 3760234.01 | 0.07520    |         |           |
| 464265.09  | 3760234.01 | 0.08200 | 464315.09 |
| 3760234.01 | 0.08935    |         |           |
| 464365.09  | 3760234.01 | 0.09661 | 464415.09 |
| 3760234.01 | 0.10371    |         |           |
| 464465.09  | 3760234.01 | 0.10748 | 464515.09 |
| 3760234.01 | 0.10935    |         |           |
| 464565.09  | 3760234.01 | 0.11088 | 464615.09 |
| 3760234.01 | 0.11036    |         |           |
| 464665.09  | 3760234.01 | 0.10829 | 464715.09 |
| 3760234.01 | 0.10532    |         |           |
| 464765.09  | 3760234.01 | 0.10129 | 464865.09 |
| 3760234.01 | 0.09345    |         |           |
| 464915.09  | 3760234.01 | 0.08919 | 464965.09 |

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3760234.01      0.08486
      465015.09      3760234.01      0.08044      465065.09
3760234.01      0.07592
      463865.09      3760284.01      0.03103      463915.09
3760284.01      0.03515
      463965.09      3760284.01      0.03929      464015.09
3760284.01      0.04343
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFROAD ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464065.09   | 3760284.01  | 0.04814 | 464115.09   |
| 3760284.01  | 0.05344     |         |             |
| 464165.09   | 3760284.01  | 0.05905 | 464215.09   |
| 3760284.01  | 0.06440     |         |             |
| 464265.09   | 3760284.01  | 0.06987 | 464315.09   |
| 3760284.01  | 0.07492     |         |             |
| 464365.09   | 3760284.01  | 0.07995 | 464415.09   |
| 3760284.01  | 0.08513     |         |             |
| 464465.09   | 3760284.01  | 0.08912 | 464515.09   |
| 3760284.01  | 0.09031     |         |             |
| 464565.09   | 3760284.01  | 0.09028 | 464615.09   |
| 3760284.01  | 0.08984     |         |             |
| 464665.09   | 3760284.01  | 0.08844 | 464715.09   |
| 3760284.01  | 0.08637     |         |             |
| 464915.09   | 3760284.01  | 0.07506 | 464965.09   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3760284.01 | 0.07213    |         |           |
| 465015.09  | 3760284.01 | 0.06907 | 465065.09 |
| 3760284.01 | 0.06581    |         |           |
| 463865.09  | 3760334.01 | 0.02819 | 463915.09 |
| 3760334.01 | 0.03119    |         |           |
| 463965.09  | 3760334.01 | 0.03502 | 464015.09 |
| 3760334.01 | 0.03875    |         |           |
| 464065.09  | 3760334.01 | 0.04296 | 464115.09 |
| 3760334.01 | 0.04742    |         |           |
| 464165.09  | 3760334.01 | 0.05149 | 464215.09 |
| 3760334.01 | 0.05548    |         |           |
| 464265.09  | 3760334.01 | 0.05954 | 464315.09 |
| 3760334.01 | 0.06350    |         |           |
| 464365.09  | 3760334.01 | 0.06721 | 464415.09 |
| 3760334.01 | 0.07093    |         |           |
| 464465.09  | 3760334.01 | 0.07425 | 464515.09 |
| 3760334.01 | 0.07591    |         |           |
| 464565.09  | 3760334.01 | 0.07582 | 464615.09 |
| 3760334.01 | 0.07521    |         |           |
| 464665.09  | 3760334.01 | 0.07432 | 464715.09 |
| 3760334.01 | 0.07260    |         |           |
| 464765.09  | 3760334.01 | 0.07065 | 464815.09 |
| 3760334.01 | 0.06841    |         |           |
| 464865.09  | 3760334.01 | 0.06616 | 464915.09 |
| 3760334.01 | 0.06408    |         |           |
| 465397.36  | 3759591.35 | 0.18185 | 464972.42 |
| 3759234.75 | 0.06982    |         |           |
| 465022.42  | 3759234.75 | 0.06299 | 464872.42 |
| 3759284.75 | 0.09201    |         |           |
| 464922.42  | 3759284.75 | 0.08343 | 464972.42 |
| 3759284.75 | 0.07833    |         |           |
| 465022.42  | 3759284.75 | 0.07492 | 465072.42 |
| 3759284.75 | 0.07291    |         |           |
| 464872.42  | 3759334.75 | 0.11528 | 464922.42 |
| 3759334.75 | 0.10080    |         |           |
| 464972.42  | 3759334.75 | 0.09687 | 465022.42 |
| 3759334.75 | 0.09440    |         |           |
| 465072.42  | 3759334.75 | 0.09223 | 465122.42 |
| 3759334.75 | 0.09040    |         |           |
| 464922.42  | 3759384.75 | 0.13173 | 464972.42 |
| 3759384.75 | 0.12649    |         |           |
| 465022.42  | 3759384.75 | 0.12358 | 465072.42 |
| 3759384.75 | 0.12055    |         |           |
| 465122.42  | 3759384.75 | 0.11741 | 464922.42 |
| 3759434.75 | 0.18293    |         |           |
| 464972.42  | 3759434.75 | 0.17371 | 465122.42 |
| 3759434.75 | 0.15514    |         |           |
| 465172.42  | 3759434.75 | 0.14812 | 463750.66 |
| 3758798.89 | 0.05794    |         |           |
| 463800.66  | 3758798.89 | 0.05732 | 463850.66 |
| 3758798.89 | 0.05647    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463900.66  | 3758798.89 | 0.05552 | 463950.66 |
| 3758798.89 | 0.05461    |         |           |
| 464000.66  | 3758798.89 | 0.05376 | 464050.66 |
| 3758798.89 | 0.05301    |         |           |
| 464100.66  | 3758798.89 | 0.05225 | 464150.66 |
| 3758798.89 | 0.05145    |         |           |
| 464200.66  | 3758798.89 | 0.05050 | 464250.66 |
| 3758798.89 | 0.04931    |         |           |
| 464300.66  | 3758798.89 | 0.04773 | 464350.66 |
| 3758798.89 | 0.04589    |         |           |
| 464400.66  | 3758798.89 | 0.04374 | 464450.66 |
| 3758798.89 | 0.04133    |         |           |
| 464500.66  | 3758798.89 | 0.03865 | 464550.66 |
| 3758798.89 | 0.03582    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464600.66   | 3758798.89  | 0.03310 | 464650.66   |
| 3758798.89  | 0.03068     |         |             |
| 464700.66   | 3758798.89  | 0.02856 | 464750.66   |
| 3758798.89  | 0.02870     |         |             |
| 463750.66   | 3758838.89  | 0.06251 | 463800.66   |
| 3758838.89  | 0.06215     |         |             |
| 463850.66   | 3758838.89  | 0.06144 | 463900.66   |
| 3758838.89  | 0.06054     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463950.66  | 3758838.89 | 0.05957 | 464000.66 |
| 3758838.89 | 0.05864    |         |           |
| 464050.66  | 3758838.89 | 0.05781 | 464100.66 |
| 3758838.89 | 0.05700    |         |           |
| 464150.66  | 3758838.89 | 0.05618 | 464200.66 |
| 3758838.89 | 0.05521    |         |           |
| 464250.66  | 3758838.89 | 0.05397 | 464300.66 |
| 3758838.89 | 0.05230    |         |           |
| 464350.66  | 3758838.89 | 0.05033 | 464400.66 |
| 3758838.89 | 0.04792    |         |           |
| 464450.66  | 3758838.89 | 0.04521 | 464500.66 |
| 3758838.89 | 0.04222    |         |           |
| 464550.66  | 3758838.89 | 0.03910 | 464600.66 |
| 3758838.89 | 0.03603    |         |           |
| 464650.66  | 3758838.89 | 0.03320 | 464700.66 |
| 3758838.89 | 0.03080    |         |           |
| 464750.66  | 3758838.89 | 0.03087 | 463750.66 |
| 3758878.89 | 0.06736    |         |           |
| 463800.66  | 3758878.89 | 0.06737 | 463850.66 |
| 3758878.89 | 0.06692    |         |           |
| 463900.66  | 3758878.89 | 0.06616 | 463950.66 |
| 3758878.89 | 0.06520    |         |           |
| 464000.66  | 3758878.89 | 0.06423 | 464050.66 |
| 3758878.89 | 0.06331    |         |           |
| 464100.66  | 3758878.89 | 0.06243 | 464150.66 |
| 3758878.89 | 0.06153    |         |           |
| 464200.66  | 3758878.89 | 0.06059 | 464250.66 |
| 3758878.89 | 0.05932    |         |           |
| 464300.66  | 3758878.89 | 0.05759 | 464350.66 |
| 3758878.89 | 0.05542    |         |           |
| 464400.66  | 3758878.89 | 0.05270 | 464450.66 |
| 3758878.89 | 0.04970    |         |           |
| 464500.66  | 3758878.89 | 0.04639 | 464550.66 |
| 3758878.89 | 0.04285    |         |           |
| 464600.66  | 3758878.89 | 0.03931 | 464650.66 |
| 3758878.89 | 0.03605    |         |           |
| 464700.66  | 3758878.89 | 0.03329 | 464750.66 |
| 3758878.89 | 0.03174    |         |           |
| 463750.66  | 3758918.89 | 0.07241 | 463800.66 |
| 3758918.89 | 0.07285    |         |           |
| 463850.66  | 3758918.89 | 0.07288 | 463900.66 |
| 3758918.89 | 0.07242    |         |           |
| 463950.66  | 3758918.89 | 0.07159 | 464000.66 |
| 3758918.89 | 0.07062    |         |           |
| 464050.66  | 3758918.89 | 0.06962 | 464100.66 |
| 3758918.89 | 0.06867    |         |           |
| 464150.66  | 3758918.89 | 0.06776 | 464200.66 |
| 3758918.89 | 0.06678    |         |           |
| 464250.66  | 3758918.89 | 0.06548 | 464300.66 |
| 3758918.89 | 0.06369    |         |           |
| 464350.66  | 3758918.89 | 0.06132 | 464400.66 |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3758918.89 | 0.05842    |         |           |
| 464450.66  | 3758918.89 | 0.05501 | 464500.66 |
| 3758918.89 | 0.05121    |         |           |
| 464550.66  | 3758918.89 | 0.04715 | 464600.66 |
| 3758918.89 | 0.04310    |         |           |
| 464650.66  | 3758918.89 | 0.03940 | 464700.66 |
| 3758918.89 | 0.03617    |         |           |
| 464750.66  | 3758918.89 | 0.03386 | 463750.66 |
| 3758958.89 | 0.07742    |         |           |
| 463800.66  | 3758958.89 | 0.07869 | 463850.66 |
| 3758958.89 | 0.07932    |         |           |
| 463900.66  | 3758958.89 | 0.07932 | 463950.66 |
| 3758958.89 | 0.07881    |         |           |
| 464000.66  | 3758958.89 | 0.07792 | 464050.66 |
| 3758958.89 | 0.07690    |         |           |
| 464100.66  | 3758958.89 | 0.07592 | 464150.66 |
| 3758958.89 | 0.07499    |         |           |
| 464200.66  | 3758958.89 | 0.07395 | 464250.66 |
| 3758958.89 | 0.07262    |         |           |
| 464300.66  | 3758958.89 | 0.07078 | 464350.66 |
| 3758958.89 | 0.06826    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464400.66   | 3758958.89  | 0.06512 | 464450.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3758958.89 | 0.06112    |         |           |
| 464500.66  | 3758958.89 | 0.05676 | 464550.66 |
| 3758958.89 | 0.05215    |         |           |
| 464600.66  | 3758958.89 | 0.04750 | 464650.66 |
| 3758958.89 | 0.04335    |         |           |
| 464700.66  | 3758958.89 | 0.03939 | 464750.66 |
| 3758958.89 | 0.03683    |         |           |
| 463750.66  | 3758998.89 | 0.08263 | 463800.66 |
| 3758998.89 | 0.08474    |         |           |
| 463850.66  | 3758998.89 | 0.08611 | 463900.66 |
| 3758998.89 | 0.08683    |         |           |
| 463950.66  | 3758998.89 | 0.08685 | 464000.66 |
| 3758998.89 | 0.08626    |         |           |
| 464050.66  | 3758998.89 | 0.08537 | 464100.66 |
| 3758998.89 | 0.08438    |         |           |
| 464150.66  | 3758998.89 | 0.08338 | 464200.66 |
| 3758998.89 | 0.08230    |         |           |
| 464250.66  | 3758998.89 | 0.08096 | 464300.66 |
| 3758998.89 | 0.07913    |         |           |
| 464350.66  | 3758998.89 | 0.07648 | 464400.66 |
| 3758998.89 | 0.07289    |         |           |
| 464450.66  | 3758998.89 | 0.06845 | 464500.66 |
| 3758998.89 | 0.06345    |         |           |
| 464550.66  | 3758998.89 | 0.05809 | 464600.66 |
| 3758998.89 | 0.05258    |         |           |
| 464650.66  | 3758998.89 | 0.04742 | 464700.66 |
| 3758998.89 | 0.04328    |         |           |
| 464750.66  | 3758998.89 | 0.04034 | 463750.66 |
| 3759038.89 | 0.08769    |         |           |
| 463800.66  | 3759038.89 | 0.09071 | 463850.66 |
| 3759038.89 | 0.09322    |         |           |
| 463900.66  | 3759038.89 | 0.09493 | 463950.66 |
| 3759038.89 | 0.09574    |         |           |
| 464000.66  | 3759038.89 | 0.09574 | 464050.66 |
| 3759038.89 | 0.09513    |         |           |
| 464100.66  | 3759038.89 | 0.09422 | 464150.66 |
| 3759038.89 | 0.09318    |         |           |
| 464200.66  | 3759038.89 | 0.09212 | 464250.66 |
| 3759038.89 | 0.09079    |         |           |
| 464300.66  | 3759038.89 | 0.08882 | 464350.66 |
| 3759038.89 | 0.08594    |         |           |
| 464400.66  | 3759038.89 | 0.08202 | 464450.66 |
| 3759038.89 | 0.07736    |         |           |
| 464500.66  | 3759038.89 | 0.07138 | 464550.66 |
| 3759038.89 | 0.06496    |         |           |
| 464600.66  | 3759038.89 | 0.05851 | 464650.66 |
| 3759038.89 | 0.05280    |         |           |
| 464700.66  | 3759038.89 | 0.04917 | 463750.66 |
| 3759078.89 | 0.09236    |         |           |
| 463800.66  | 3759078.89 | 0.09678 | 463850.66 |
| 3759078.89 | 0.10050    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463900.66  | 3759078.89 | 0.10343 | 463950.66 |
| 3759078.89 | 0.10539    |         |           |
| 464000.66  | 3759078.89 | 0.10633 | 464050.66 |
| 3759078.89 | 0.10631    |         |           |
| 464100.66  | 3759078.89 | 0.10568 | 464150.66 |
| 3759078.89 | 0.10476    |         |           |
| 464200.66  | 3759078.89 | 0.10376 | 464250.66 |
| 3759078.89 | 0.10229    |         |           |
| 464300.66  | 3759078.89 | 0.10033 | 464350.66 |
| 3759078.89 | 0.09711    |         |           |
| 464400.66  | 3759078.89 | 0.09319 | 464450.66 |
| 3759078.89 | 0.08773    |         |           |
| 464500.66  | 3759078.89 | 0.08074 | 464550.66 |
| 3759078.89 | 0.07300    |         |           |
| 464600.66  | 3759078.89 | 0.06569 | 464650.66 |
| 3759078.89 | 0.05989    |         |           |
| 463750.66  | 3759118.89 | 0.09691 | 463800.66 |
| 3759118.89 | 0.10252    |         |           |
| 463850.66  | 3759118.89 | 0.10766 | 463900.66 |
| 3759118.89 | 0.11219    |         |           |
| 463950.66  | 3759118.89 | 0.11572 | 464000.66 |
| 3759118.89 | 0.11803    |         |           |
| 464050.66  | 3759118.89 | 0.11906 | 464100.66 |
| 3759118.89 | 0.11907    |         |           |
| 464150.66  | 3759118.89 | 0.11849 | 464200.66 |
| 3759118.89 | 0.11755    |         |           |
| 464250.66  | 3759118.89 | 0.11616 | 464300.66 |
| 3759118.89 | 0.11406    |         |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: OFFROAD

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC   | CONC    | X-COORD (M) |
|----------------------------|-----------------------|---------|-------------|
| -----                      |                       |         |             |
| -----                      |                       |         |             |
| 464350.66<br>3759118.89    | 3759118.89<br>0.10679 | 0.11088 | 464400.66   |
| 464450.66<br>3759118.89    | 3759118.89<br>0.09294 | 0.10057 | 464500.66   |
| 464550.66<br>3759118.89    | 3759118.89<br>0.07670 | 0.08394 | 464600.66   |
| 463750.66<br>3759158.89    | 3759158.89<br>0.10780 | 0.10090 | 463800.66   |
| 463850.66<br>3759158.89    | 3759158.89<br>0.12108 | 0.11472 | 463900.66   |
| 463950.66<br>3759158.89    | 3759158.89<br>0.13068 | 0.12649 | 464000.66   |
| 464050.66<br>3759158.89    | 3759158.89<br>0.13456 | 0.13338 | 464100.66   |
| 464150.66<br>3759158.89    | 3759158.89<br>0.13404 | 0.13467 | 464200.66   |
| 464250.66<br>3759158.89    | 3759158.89<br>0.13110 | 0.13294 | 464300.66   |
| 464350.66<br>3759158.89    | 3759158.89<br>0.12365 | 0.12814 | 464400.66   |
| 464450.66<br>3759158.89    | 3759158.89<br>0.10748 | 0.11646 | 464500.66   |
| 463750.66<br>3759198.89    | 3759198.89<br>0.11272 | 0.10430 | 463800.66   |
| 463850.66<br>3759198.89    | 3759198.89<br>0.12963 | 0.12131 | 463900.66   |
| 463950.66<br>3759198.89    | 3759198.89<br>0.14406 | 0.13738 | 464000.66   |
| 464050.66<br>3759198.89    | 3759198.89<br>0.15226 | 0.14911 | 464100.66   |
| 464150.66<br>3759198.89    | 3759198.89<br>0.15381 | 0.15367 | 464200.66   |
| 464250.66<br>3759198.89    | 3759198.89<br>0.15169 | 0.15313 | 464300.66   |
| 464350.66<br>3759198.89    | 3759198.89<br>0.14419 | 0.14896 | 464400.66   |
| 464450.66<br>3759198.89    | 3759198.89<br>0.12455 | 0.13584 | 464500.66   |
| 463750.66<br>3759238.89    | 3759238.89<br>0.11683 | 0.10718 | 463800.66   |
| 463850.66<br>3759238.89    | 3759238.89<br>0.13752 | 0.12697 | 463900.66   |
| 463950.66<br>3759238.89    | 3759238.89<br>0.15775 | 0.14799 | 464000.66   |
| 464050.66<br>3759238.89    | 3759238.89            | 0.16597 | 464100.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759238.89 | 0.17211    |         |           |
| 464150.66  | 3759238.89 | 0.17588 | 464200.66 |
| 3759238.89 | 0.17764    |         |           |
| 464250.66  | 3759238.89 | 0.17781 | 464300.66 |
| 3759238.89 | 0.17690    |         |           |
| 464350.66  | 3759238.89 | 0.17461 | 464400.66 |
| 3759238.89 | 0.16936    |         |           |
| 464450.66  | 3759238.89 | 0.16062 | 464500.66 |
| 3759238.89 | 0.14907    |         |           |
| 464550.66  | 3759238.89 | 0.13805 | 463750.66 |
| 3759278.89 | 0.10923    |         |           |
| 463800.66  | 3759278.89 | 0.11994 | 463850.66 |
| 3759278.89 | 0.13178    |         |           |
| 463900.66  | 3759278.89 | 0.14449 | 463950.66 |
| 3759278.89 | 0.15773    |         |           |
| 464000.66  | 3759278.89 | 0.17113 | 464050.66 |
| 3759278.89 | 0.18333    |         |           |
| 464100.66  | 3759278.89 | 0.19374 | 464150.66 |
| 3759278.89 | 0.20141    |         |           |
| 464200.66  | 3759278.89 | 0.20612 | 464250.66 |
| 3759278.89 | 0.20815    |         |           |
| 464300.66  | 3759278.89 | 0.20812 | 464350.66 |
| 3759278.89 | 0.20647    |         |           |
| 464400.66  | 3759278.89 | 0.20290 | 464450.66 |
| 3759278.89 | 0.20188    |         |           |
| 464500.66  | 3759278.89 | 0.20138 | 463750.66 |
| 3759318.89 | 0.11042    |         |           |
| 463800.66  | 3759318.89 | 0.12208 | 463850.66 |
| 3759318.89 | 0.13523    |         |           |
| 463900.66  | 3759318.89 | 0.15006 | 463950.66 |
| 3759318.89 | 0.16629    |         |           |
| 464000.66  | 3759318.89 | 0.18346 | 464050.66 |
| 3759318.89 | 0.20038    |         |           |
| 464100.66  | 3759318.89 | 0.21634 | 464150.66 |
| 3759318.89 | 0.22989    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464200.66   | 3759318.89  | 0.23957 | 464250.66   |
| 3759318.89  | 0.24509     |         |             |
| 464300.66   | 3759318.89  | 0.24722 | 464350.66   |
| 3759318.89  | 0.24744     |         |             |
| 464400.66   | 3759318.89  | 0.24647 | 464450.66   |
| 3759318.89  | 0.26995     |         |             |
| 463750.66   | 3759358.89  | 0.09360 | 463800.66   |
| 3759358.89  | 0.10383     |         |             |
| 463850.66   | 3759358.89  | 0.13232 | 463900.66   |
| 3759358.89  | 0.15444     |         |             |
| 463950.66   | 3759358.89  | 0.17322 | 464000.66   |
| 3759358.89  | 0.19397     |         |             |
| 464050.66   | 3759358.89  | 0.21616 | 464100.66   |
| 3759358.89  | 0.23877     |         |             |
| 464150.66   | 3759358.89  | 0.26014 | 464200.66   |
| 3759358.89  | 0.27775     |         |             |
| 464250.66   | 3759358.89  | 0.28968 | 464300.66   |
| 3759358.89  | 0.29710     |         |             |
| 464350.66   | 3759358.89  | 0.30193 | 464400.66   |
| 3759358.89  | 0.31471     |         |             |
| 463750.66   | 3759398.89  | 0.09389 | 463800.66   |
| 3759398.89  | 0.10498     |         |             |
| 463850.66   | 3759398.89  | 0.11838 | 463900.66   |
| 3759398.89  | 0.15521     |         |             |
| 463950.66   | 3759398.89  | 0.17801 | 464000.66   |
| 3759398.89  | 0.20233     |         |             |
| 464050.66   | 3759398.89  | 0.22970 | 464100.66   |
| 3759398.89  | 0.25956     |         |             |
| 464150.66   | 3759398.89  | 0.29042 | 464200.66   |
| 3759398.89  | 0.31987     |         |             |
| 464250.66   | 3759398.89  | 0.34331 | 464300.66   |
| 3759398.89  | 0.36037     |         |             |
| 464350.66   | 3759398.89  | 0.37840 | 464400.66   |
| 3759398.89  | 0.41489     |         |             |
| 463750.66   | 3759438.89  | 0.09295 | 463800.66   |
| 3759438.89  | 0.10459     |         |             |
| 463850.66   | 3759438.89  | 0.11837 | 463900.66   |
| 3759438.89  | 0.13539     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463950.66  | 3759438.89 | 0.18008 | 464000.66 |
| 3759438.89 | 0.20796    |         |           |
| 464050.66  | 3759438.89 | 0.24003 | 464100.66 |
| 3759438.89 | 0.27706    |         |           |
| 464150.66  | 3759438.89 | 0.31806 | 464200.66 |
| 3759438.89 | 0.36333    |         |           |
| 464250.66  | 3759438.89 | 0.40650 | 464300.66 |
| 3759438.89 | 0.43916    |         |           |
| 464350.66  | 3759438.89 | 0.48880 | 463800.66 |
| 3759478.89 | 0.10338    |         |           |
| 463850.66  | 3759478.89 | 0.11766 | 463900.66 |
| 3759478.89 | 0.13515    |         |           |
| 463950.66  | 3759478.89 | 0.17771 | 464000.66 |
| 3759478.89 | 0.21052    |         |           |
| 464050.66  | 3759478.89 | 0.24641 | 464100.66 |
| 3759478.89 | 0.28964    |         |           |
| 464250.66  | 3759478.89 | 0.47259 | 464300.66 |
| 3759478.89 | 0.54041    |         |           |
| 464350.66  | 3759478.89 | 0.58799 | 463850.66 |
| 3759518.89 | 0.11577    |         |           |
| 463900.66  | 3759518.89 | 0.13352 | 463950.66 |
| 3759518.89 | 0.15768    |         |           |
| 464000.66  | 3759518.89 | 0.20982 | 464050.66 |
| 3759518.89 | 0.24838    |         |           |
| 464300.66  | 3759518.89 | 0.62378 | 464350.66 |
| 3759518.89 | 0.72420    |         |           |
| 463900.66  | 3759558.89 | 0.13051 | 463950.66 |
| 3759558.89 | 0.15233    |         |           |
| 464000.66  | 3759558.89 | 0.20440 | 464350.66 |
| 3759558.89 | 0.87791    |         |           |
| 464400.66  | 3759558.89 | 1.15364 | 463950.66 |
| 3759598.89 | 0.14885    |         |           |
| 464517.36  | 3759346.67 | 0.29686 | 464567.36 |
| 3759346.67 | 0.26996    |         |           |
| 464617.36  | 3759346.67 | 0.24070 | 464517.36 |
| 3759396.67 | 0.40195    |         |           |
| 464567.36  | 3759396.67 | 0.36376 | 464617.36 |
| 3759396.67 | 0.32031    |         |           |
| 464517.36  | 3759446.67 | 0.57120 | 464567.36 |
| 3759446.67 | 0.51447    |         |           |
| 464617.36  | 3759446.67 | 0.44374 | 464694.84 |
| 3759819.76 | 6.13889    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\*

14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: OFFROAD \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 464809.77   | 3759568.55  | 0.64425  | 464859.77   |
| 3759568.55  | 0.58771     |          |             |
| 464609.77   | 3759618.55  | 3.02992  | 464659.77   |
| 3759618.55  | 2.27764     |          |             |
| 464709.77   | 3759618.55  | 1.52849  | 464759.77   |
| 3759618.55  | 1.28043     |          |             |
| 464809.77   | 3759618.55  | 1.10584  | 464859.77   |
| 3759618.55  | 0.93625     |          |             |
| 464609.77   | 3759668.55  | 9.47933  | 464659.77   |
| 3759668.55  | 5.89182     |          |             |
| 464709.77   | 3759668.55  | 3.60987  | 464759.77   |
| 3759668.55  | 2.42416     |          |             |
| 464809.77   | 3759668.55  | 1.82201  | 464859.77   |
| 3759668.55  | 1.39110     |          |             |
| 464609.77   | 3759718.55  | 37.45966 | 464659.77   |
| 3759718.55  | 14.38382    |          |             |
| 464709.77   | 3759718.55  | 7.25210  | 464759.77   |
| 3759718.55  | 4.01763     |          |             |
| 464444.57   | 3759555.56  | 1.37797  | 464494.57   |
| 3759555.56  | 1.57837     |          |             |
| 464544.57   | 3759555.56  | 1.53345  | 464444.57   |
| 3759605.56  | 2.14931     |          |             |
| 464494.57   | 3759605.56  | 2.93345  | 464544.57   |
| 3759605.56  | 3.14741     |          |             |
| 464444.57   | 3759655.56  | 3.22362  | 464494.57   |
| 3759655.56  | 6.29577     |          |             |
| 464544.57   | 3759655.56  | 9.42745  | 463980.94   |
| 3759596.79  | 0.16505     |          |             |
| 464030.94   | 3759596.79  | 0.19778  | 464080.94   |
| 3759596.79  | 0.24102     |          |             |
| 464130.94   | 3759596.79  | 0.30039  | 464180.94   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759596.79 | 0.37810    |         |           |
| 464230.94  | 3759596.79 | 0.49599 | 464280.94 |
| 3759596.79 | 0.66242    |         |           |
| 464330.94  | 3759596.79 | 0.90662 | 464380.94 |
| 3759596.79 | 1.27613    |         |           |
| 463980.94  | 3759646.79 | 0.15530 | 464030.94 |
| 3759646.79 | 0.18688    |         |           |
| 464080.94  | 3759646.79 | 0.22938 | 464130.94 |
| 3759646.79 | 0.28801    |         |           |
| 464180.94  | 3759646.79 | 0.37155 | 464230.94 |
| 3759646.79 | 0.49505    |         |           |
| 464280.94  | 3759646.79 | 0.68574 | 464330.94 |
| 3759646.79 | 0.99856    |         |           |
| 464380.94  | 3759646.79 | 1.54455 | 463980.94 |
| 3759696.79 | 0.14413    |         |           |
| 464030.94  | 3759696.79 | 0.17316 | 464080.94 |
| 3759696.79 | 0.21230    |         |           |
| 464130.94  | 3759696.79 | 0.26701 | 464180.94 |
| 3759696.79 | 0.34559    |         |           |
| 464230.94  | 3759696.79 | 0.46378 | 464280.94 |
| 3759696.79 | 0.65255    |         |           |
| 464330.94  | 3759696.79 | 0.97868 | 464380.94 |
| 3759696.79 | 1.60632    |         |           |
| 464450.80  | 3759744.24 | 3.78012 | 464030.94 |
| 3759746.79 | 0.15779    |         |           |
| 464080.94  | 3759746.79 | 0.19258 | 464130.94 |
| 3759746.79 | 0.24067    |         |           |
| 464180.94  | 3759746.79 | 0.30926 | 464230.94 |
| 3759746.79 | 0.41200    |         |           |
| 464280.94  | 3759746.79 | 0.57539 | 464330.94 |
| 3759746.79 | 0.85714    |         |           |
| 464380.94  | 3759746.79 | 1.40300 | 463980.94 |
| 3759796.79 | 0.12017    |         |           |
| 464030.94  | 3759796.79 | 0.14272 | 464080.94 |
| 3759796.79 | 0.17276    |         |           |
| 464130.94  | 3759796.79 | 0.21362 | 464180.94 |
| 3759796.79 | 0.27116    |         |           |
| 464230.94  | 3759796.79 | 0.35596 | 464280.94 |
| 3759796.79 | 0.48727    |         |           |
| 464330.94  | 3759796.79 | 0.69798 | 464380.94 |
| 3759796.79 | 1.04528    |         |           |
| 464788.18  | 3759737.20 | 3.36380 | 464838.18 |
| 3759737.20 | 2.18372    |         |           |
| 464888.18  | 3759737.20 | 1.49948 | 464938.18 |
| 3759737.20 | 1.07960    |         |           |
| 464988.18  | 3759737.20 | 0.81948 | 465038.18 |
| 3759737.20 | 0.64468    |         |           |
| 465088.18  | 3759737.20 | 0.52005 | 465138.18 |
| 3759737.20 | 0.42773    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 465188.18   | 3759737.20  | 0.35841 | 465238.18   |
| 3759737.20  | 0.30469     |         |             |
| 465288.18   | 3759737.20  | 0.26249 | 465338.18   |
| 3759737.20  | 0.22896     |         |             |
| 465388.18   | 3759737.20  | 0.20096 | 464788.18   |
| 3759787.20  | 3.09942     |         |             |
| 464838.18   | 3759787.20  | 1.99006 | 464888.18   |
| 3759787.20  | 1.35977     |         |             |
| 464938.18   | 3759787.20  | 0.98611 | 464988.18   |
| 3759787.20  | 0.74557     |         |             |
| 465038.18   | 3759787.20  | 0.58787 | 465088.18   |
| 3759787.20  | 0.47634     |         |             |
| 465138.18   | 3759787.20  | 0.39399 | 465188.18   |
| 3759787.20  | 0.33142     |         |             |
| 465238.18   | 3759787.20  | 0.28203 | 465288.18   |
| 3759787.20  | 0.24398     |         |             |
| 465338.18   | 3759787.20  | 0.21321 | 465388.18   |
| 3759787.20  | 0.18737     |         |             |
| 464788.18   | 3759837.20  | 1.97302 | 464838.18   |
| 3759837.20  | 1.40607     |         |             |
| 464888.18   | 3759837.20  | 1.01823 | 464938.18   |
| 3759837.20  | 0.75600     |         |             |
| 464988.18   | 3759837.20  | 0.59873 | 465038.18   |
| 3759837.20  | 0.48446     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 465088.18  | 3759837.20 | 0.40173 | 465138.18 |
| 3759837.20 | 0.33775    |         |           |
| 465188.18  | 3759837.20 | 0.28811 | 465238.18 |
| 3759837.20 | 0.24796    |         |           |
| 465288.18  | 3759837.20 | 0.21645 | 465338.18 |
| 3759837.20 | 0.19058    |         |           |
| 465388.18  | 3759837.20 | 0.16910 | 464788.18 |
| 3759887.20 | 1.09330    |         |           |
| 464838.18  | 3759887.20 | 0.85916 | 464888.18 |
| 3759887.20 | 0.65837    |         |           |
| 464938.18  | 3759887.20 | 0.53287 | 464988.18 |
| 3759887.20 | 0.44316    |         |           |
| 465038.18  | 3759887.20 | 0.37345 | 465088.18 |
| 3759887.20 | 0.31902    |         |           |
| 465138.18  | 3759887.20 | 0.27513 | 465188.18 |
| 3759887.20 | 0.23932    |         |           |
| 465238.18  | 3759887.20 | 0.21000 | 465288.18 |
| 3759887.20 | 0.18545    |         |           |
| 465338.18  | 3759887.20 | 0.16596 | 465388.18 |
| 3759887.20 | 0.14824    |         |           |
| 464788.18  | 3759937.20 | 0.63173 | 464838.18 |
| 3759937.20 | 0.51933    |         |           |
| 464888.18  | 3759937.20 | 0.43114 | 464938.18 |
| 3759937.20 | 0.36911    |         |           |
| 464988.18  | 3759937.20 | 0.32076 | 465038.18 |
| 3759937.20 | 0.28056    |         |           |
| 465088.18  | 3759937.20 | 0.24653 | 465138.18 |
| 3759937.20 | 0.21830    |         |           |
| 465188.18  | 3759937.20 | 0.19402 | 465238.18 |
| 3759937.20 | 0.17335    |         |           |
| 465288.18  | 3759937.20 | 0.15557 | 465338.18 |
| 3759937.20 | 0.14075    |         |           |
| 465388.18  | 3759937.20 | 0.12764 | 464959.25 |
| 3759453.01 | 0.19857    |         |           |
| 465009.25  | 3759453.01 | 0.19177 | 465059.25 |
| 3759453.01 | 0.18365    |         |           |
| 465109.25  | 3759453.01 | 0.17482 | 465159.25 |
| 3759453.01 | 0.16527    |         |           |
| 465209.25  | 3759453.01 | 0.15657 | 465259.25 |
| 3759453.01 | 0.14760    |         |           |
| 465309.25  | 3759453.01 | 0.13892 | 465359.25 |
| 3759453.01 | 0.13058    |         |           |
| 465409.25  | 3759453.01 | 0.12290 | 465459.25 |
| 3759453.01 | 0.11551    |         |           |
| 465509.25  | 3759453.01 | 0.10864 | 464959.25 |
| 3759503.01 | 0.28906    |         |           |
| 465009.25  | 3759503.01 | 0.27051 | 465059.25 |
| 3759503.01 | 0.25146    |         |           |
| 465109.25  | 3759503.01 | 0.23311 | 465159.25 |
| 3759503.01 | 0.21508    |         |           |
| 465209.25  | 3759503.01 | 0.19845 | 465259.25 |

```

^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U\*

| VALUES FOR SOURCE GROUP: OFFROAD |            | *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION *** |                                  |
|----------------------------------|------------|-------------------------------------------------------|----------------------------------|
|                                  |            | INCLUDING SOURCE(S):                                  | L0000001 , L0000002              |
| , L0000003                       | , L0000004 | , L0000005                                            | , L0000006                       |
|                                  | L0000006   | , L0000007                                            | , L0000008 , L0000009 , L0000010 |
| , L0000011                       | , L0000012 | , L0000013                                            | , L0000014                       |
|                                  | L0000014   | , L0000015                                            | , L0000016 , L0000017 , L0000018 |
| , L0000019                       | , L0000020 | , L0000021                                            | , L0000022                       |
|                                  | L0000022   | , L0000023                                            | , L0000024 , L0000025 , L0000026 |
| , L0000027                       | , L0000028 | , . . .                                               |                                  |

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\* \* \*

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3

\* \*

|             | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |             |         |             |
|             | 465509.25   | 3759503.01  | 0.12380 | 464959.25   |
| 3759553.01  | 0.42406     |             |         |             |
|             | 465009.25   | 3759553.01  | 0.37918 | 465059.25   |
| 3759553.01  | 0.33936     |             |         |             |
|             | 465109.25   | 3759553.01  | 0.30394 | 465159.25   |
| 3759553.01  | 0.27261     |             |         |             |
|             | 465209.25   | 3759553.01  | 0.24477 | 465259.25   |
| 3759553.01  | 0.22057     |             |         |             |
|             | 465309.25   | 3759553.01  | 0.19988 | 465359.25   |
| 3759553.01  | 0.18143     |             |         |             |
|             | 465409.25   | 3759553.01  | 0.16429 | 465459.25   |
| 3759553.01  | 0.14997     |             |         |             |
|             | 465509.25   | 3759553.01  | 0.13724 | 464959.25   |
| 3759603.01  | 0.60197     |             |         |             |
|             | 465009.25   | 3759603.01  | 0.51453 | 465059.25   |
| 3759603.01  | 0.44083     |             |         |             |
|             | 465109.25   | 3759603.01  | 0.38148 | 465159.25   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759603.01 | 0.33131    |         |           |
| 465209.25  | 3759603.01 | 0.28934 | 465259.25 |
| 3759603.01 | 0.25507    |         |           |
| 465309.25  | 3759603.01 | 0.22655 | 465359.25 |
| 3759603.01 | 0.20237    |         |           |
| 465409.25  | 3759603.01 | 0.18086 | 465459.25 |
| 3759603.01 | 0.16326    |         |           |
| 465509.25  | 3759603.01 | 0.14799 | 464959.25 |
| 3759653.01 | 0.79453    |         |           |
| 465009.25  | 3759653.01 | 0.65646 | 465059.25 |
| 3759653.01 | 0.53412    |         |           |
| 465109.25  | 3759653.01 | 0.44732 | 465159.25 |
| 3759653.01 | 0.37835    |         |           |
| 465209.25  | 3759653.01 | 0.32337 | 465259.25 |
| 3759653.01 | 0.28009    |         |           |
| 465309.25  | 3759653.01 | 0.24509 | 465359.25 |
| 3759653.01 | 0.21577    |         |           |
| 465409.25  | 3759653.01 | 0.19212 | 465459.25 |
| 3759653.01 | 0.17201    |         |           |
| 465509.25  | 3759653.01 | 0.15465 | 464959.25 |
| 3759703.01 | 0.92993    |         |           |
| 465009.25  | 3759703.01 | 0.73246 | 465059.25 |
| 3759703.01 | 0.58793    |         |           |
| 465109.25  | 3759703.01 | 0.48044 | 465159.25 |
| 3759703.01 | 0.40005    |         |           |
| 465209.25  | 3759703.01 | 0.33796 | 465259.25 |
| 3759703.01 | 0.28977    |         |           |
| 465309.25  | 3759703.01 | 0.25142 | 465359.25 |
| 3759703.01 | 0.22012    |         |           |
| 465409.25  | 3759703.01 | 0.19435 | 465459.25 |
| 3759703.01 | 0.17281    |         |           |
| 465509.25  | 3759703.01 | 0.15464 | 465160.97 |
| 3759198.29 | 0.05008    |         |           |
| 465210.97  | 3759198.29 | 0.04906 | 465260.97 |
| 3759198.29 | 0.04822    |         |           |
| 465310.97  | 3759198.29 | 0.04753 | 465360.97 |
| 3759198.29 | 0.04686    |         |           |
| 465160.97  | 3759248.29 | 0.06043 | 465210.97 |
| 3759248.29 | 0.05941    |         |           |
| 465260.97  | 3759248.29 | 0.05842 | 465310.97 |
| 3759248.29 | 0.05757    |         |           |
| 465360.97  | 3759248.29 | 0.05663 | 465160.97 |
| 3759298.29 | 0.07476    |         |           |
| 465210.97  | 3759298.29 | 0.07371 | 465260.97 |
| 3759298.29 | 0.07220    |         |           |
| 465310.97  | 3759298.29 | 0.07080 | 465360.97 |
| 3759298.29 | 0.06933    |         |           |
| 465160.97  | 3759348.29 | 0.09508 | 465210.97 |
| 3759348.29 | 0.09301    |         |           |
| 465260.97  | 3759348.29 | 0.09033 | 465310.97 |
| 3759348.29 | 0.08788    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 465360.97  | 3759348.29 | 0.08529 | 465160.97 |
| 3759398.29 | 0.12339    |         |           |
| 465210.97  | 3759398.29 | 0.11900 | 465260.97 |
| 3759398.29 | 0.11438    |         |           |
| 465310.97  | 3759398.29 | 0.10967 | 465360.97 |
| 3759398.29 | 0.10499    |         |           |
| 464719.89  | 3759036.22 | 0.04793 | 464769.89 |
| 3759036.22 | 0.04506    |         |           |
| 464819.89  | 3759036.22 | 0.04176 | 464869.89 |
| 3759036.22 | 0.03899    |         |           |
| 464919.89  | 3759036.22 | 0.03755 | 464969.89 |
| 3759036.22 | 0.03696    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: OFFROAD  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464719.89   | 3759086.22  | 0.07156 | 464769.89   |
| 3759086.22  | 0.06715     |         |             |
| 464819.89   | 3759086.22  | 0.05293 | 464869.89   |
| 3759086.22  | 0.04693     |         |             |
| 464919.89   | 3759086.22  | 0.04580 | 464969.89   |
| 3759086.22  | 0.04651     |         |             |
| 464719.89   | 3759136.22  | 0.08402 | 464769.89   |
| 3759136.22  | 0.07879     |         |             |
| 464819.89   | 3759136.22  | 0.07378 | 464869.89   |
| 3759136.22  | 0.06916     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464919.89  | 3759136.22 | 0.06552 | 464969.89 |
| 3759136.22 | 0.06222    |         |           |
| 464719.89  | 3759186.22 | 0.09858 | 464769.89 |
| 3759186.22 | 0.09188    |         |           |
| 464819.89  | 3759186.22 | 0.08580 | 464869.89 |
| 3759186.22 | 0.08044    |         |           |
| 464919.89  | 3759186.22 | 0.07591 | 464969.89 |
| 3759186.22 | 0.07138    |         |           |
| 464719.89  | 3759236.22 | 0.11751 | 464769.89 |
| 3759236.22 | 0.10907    |         |           |
| 464819.89  | 3759236.22 | 0.10143 | 464869.89 |
| 3759236.22 | 0.09385    |         |           |
| 464919.89  | 3759236.22 | 0.08398 |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 463865.09   | 3759834.01  | 0.03359 | 463915.09   |
| 3759834.01  | 0.03648     |         |             |
| 463965.09   | 3759834.01  | 0.03990 | 464015.09   |
| 3759834.01  | 0.04398     |         |             |
| 464065.09   | 3759834.01  | 0.04912 | 464115.09   |
| 3759834.01  | 0.05545     |         |             |
| 464165.09   | 3759834.01  | 0.06333 | 464215.09   |
| 3759834.01  | 0.07360     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464265.09  | 3759834.01 | 0.08747 | 464315.09 |
| 3759834.01 | 0.10656    |         |           |
| 464365.09  | 3759834.01 | 0.13265 | 464415.09 |
| 3759834.01 | 0.17456    |         |           |
| 464465.09  | 3759834.01 | 0.25692 | 464515.09 |
| 3759834.01 | 0.42329    |         |           |
| 463865.09  | 3759884.01 | 0.03187 | 463915.09 |
| 3759884.01 | 0.03459    |         |           |
| 463965.09  | 3759884.01 | 0.03776 | 464015.09 |
| 3759884.01 | 0.04155    |         |           |
| 464065.09  | 3759884.01 | 0.04614 | 464115.09 |
| 3759884.01 | 0.05171    |         |           |
| 464165.09  | 3759884.01 | 0.05868 | 464215.09 |
| 3759884.01 | 0.06772    |         |           |
| 464265.09  | 3759884.01 | 0.07932 | 464315.09 |
| 3759884.01 | 0.09426    |         |           |
| 464365.09  | 3759884.01 | 0.11457 | 464415.09 |
| 3759884.01 | 0.14504    |         |           |
| 464465.09  | 3759884.01 | 0.20053 | 464515.09 |
| 3759884.01 | 0.29617    |         |           |
| 464565.09  | 3759884.01 | 0.46869 | 463865.09 |
| 3759934.01 | 0.03042    |         |           |
| 463915.09  | 3759934.01 | 0.03288 | 463965.09 |
| 3759934.01 | 0.03575    |         |           |
| 464115.09  | 3759934.01 | 0.04835 | 464165.09 |
| 3759934.01 | 0.05468    |         |           |
| 464215.09  | 3759934.01 | 0.06244 | 464265.09 |
| 3759934.01 | 0.07174    |         |           |
| 464315.09  | 3759934.01 | 0.08367 | 464365.09 |
| 3759934.01 | 0.10022    |         |           |
| 464415.09  | 3759934.01 | 0.12343 | 464465.09 |
| 3759934.01 | 0.15789    |         |           |
| 464515.09  | 3759934.01 | 0.20772 | 464565.09 |
| 3759934.01 | 0.27007    |         |           |
| 464665.09  | 3759934.01 | 0.38314 | 463865.09 |
| 3759984.01 | 0.02899    |         |           |
| 464115.09  | 3759984.01 | 0.04508 | 464165.09 |
| 3759984.01 | 0.05084    |         |           |
| 464215.09  | 3759984.01 | 0.05778 | 464265.09 |
| 3759984.01 | 0.06551    |         |           |
| 464315.09  | 3759984.01 | 0.07543 | 464365.09 |
| 3759984.01 | 0.08850    |         |           |
| 464415.09  | 3759984.01 | 0.10555 | 464465.09 |
| 3759984.01 | 0.12766    |         |           |
| 464515.09  | 3759984.01 | 0.15444 | 464565.09 |
| 3759984.01 | 0.18350    |         |           |
| 464615.09  | 3759984.01 | 0.21046 | 464665.09 |
| 3759984.01 | 0.23080    |         |           |
| 464765.09  | 3759984.01 | 0.24667 | 464865.09 |
| 3759984.01 | 0.23057    |         |           |
| 464915.09  | 3759984.01 | 0.21667 | 464165.09 |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3760034.01 | 0.04719    |         |           |
| 464215.09  | 3760034.01 | 0.05333 | 464265.09 |
| 3760034.01 | 0.06037    |         |           |
| 464315.09  | 3760034.01 | 0.06822 | 464365.09 |
| 3760034.01 | 0.07819    |         |           |
| 464415.09  | 3760034.01 | 0.09035 | 464465.09 |
| 3760034.01 | 0.10459    |         |           |
| 464515.09  | 3760034.01 | 0.12060 | 464565.09 |
| 3760034.01 | 0.13669    |         |           |
| 464615.09  | 3760034.01 | 0.15135 | 464665.09 |
| 3760034.01 | 0.16262    |         |           |
| 464715.09  | 3760034.01 | 0.17064 | 464815.09 |
| 3760034.01 | 0.17189    |         |           |
| 464865.09  | 3760034.01 | 0.16839 | 464915.09 |
| 3760034.01 | 0.16224    |         |           |
| 465065.09  | 3760034.01 | 0.14380 | 464165.09 |
| 3760084.01 | 0.04380    |         |           |
| 464215.09  | 3760084.01 | 0.04904 | 464265.09 |
| 3760084.01 | 0.05532    |         |           |
| 464315.09  | 3760084.01 | 0.06182 | 464365.09 |
| 3760084.01 | 0.06917    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464415.09   | 3760084.01  | 0.07767 | 464465.09   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3760084.01 | 0.08711    |         |           |
| 464515.09  | 3760084.01 | 0.09738 | 464565.09 |
| 3760084.01 | 0.10720    |         |           |
| 464615.09  | 3760084.01 | 0.11591 | 464665.09 |
| 3760084.01 | 0.12304    |         |           |
| 464715.09  | 3760084.01 | 0.12746 | 464865.09 |
| 3760084.01 | 0.12931    |         |           |
| 464915.09  | 3760084.01 | 0.12686 | 464965.09 |
| 3760084.01 | 0.12342    |         |           |
| 465015.09  | 3760084.01 | 0.11947 | 464115.09 |
| 3760134.01 | 0.03676    |         |           |
| 464165.09  | 3760134.01 | 0.04049 | 464215.09 |
| 3760134.01 | 0.04495    |         |           |
| 464265.09  | 3760134.01 | 0.05005 | 464315.09 |
| 3760134.01 | 0.05571    |         |           |
| 464365.09  | 3760134.01 | 0.06142 | 464415.09 |
| 3760134.01 | 0.06730    |         |           |
| 464465.09  | 3760134.01 | 0.07379 | 464515.09 |
| 3760134.01 | 0.08075    |         |           |
| 464565.09  | 3760134.01 | 0.08702 | 464615.09 |
| 3760134.01 | 0.09278    |         |           |
| 464665.09  | 3760134.01 | 0.09754 | 464715.09 |
| 3760134.01 | 0.10073    |         |           |
| 464765.09  | 3760134.01 | 0.10272 | 464815.09 |
| 3760134.01 | 0.10370    |         |           |
| 464865.09  | 3760134.01 | 0.10317 | 464915.09 |
| 3760134.01 | 0.10199    |         |           |
| 464965.09  | 3760134.01 | 0.10026 | 465015.09 |
| 3760134.01 | 0.09784    |         |           |
| 465065.09  | 3760134.01 | 0.09523 | 463865.09 |
| 3760184.01 | 0.02306    |         |           |
| 464015.09  | 3760184.01 | 0.02899 | 464065.09 |
| 3760184.01 | 0.03134    |         |           |
| 464115.09  | 3760184.01 | 0.03405 | 464165.09 |
| 3760184.01 | 0.03723    |         |           |
| 464215.09  | 3760184.01 | 0.04110 | 464265.09 |
| 3760184.01 | 0.04502    |         |           |
| 464315.09  | 3760184.01 | 0.04968 | 464365.09 |
| 3760184.01 | 0.05444    |         |           |
| 464415.09  | 3760184.01 | 0.05904 | 464465.09 |
| 3760184.01 | 0.06368    |         |           |
| 464515.09  | 3760184.01 | 0.06810 | 464565.09 |
| 3760184.01 | 0.07261    |         |           |
| 464615.09  | 3760184.01 | 0.07661 | 464665.09 |
| 3760184.01 | 0.07982    |         |           |
| 464715.09  | 3760184.01 | 0.08220 | 464865.09 |
| 3760184.01 | 0.08477    |         |           |
| 464915.09  | 3760184.01 | 0.08420 | 464965.09 |
| 3760184.01 | 0.08331    |         |           |
| 465015.09  | 3760184.01 | 0.08173 | 465065.09 |
| 3760184.01 | 0.07999    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463865.09  | 3760234.01 | 0.02088 | 463915.09 |
| 3760234.01 | 0.02331    |         |           |
| 463965.09  | 3760234.01 | 0.02507 | 464015.09 |
| 3760234.01 | 0.02695    |         |           |
| 464065.09  | 3760234.01 | 0.02893 | 464115.09 |
| 3760234.01 | 0.03148    |         |           |
| 464165.09  | 3760234.01 | 0.03442 | 464215.09 |
| 3760234.01 | 0.03745    |         |           |
| 464265.09  | 3760234.01 | 0.04068 | 464315.09 |
| 3760234.01 | 0.04429    |         |           |
| 464365.09  | 3760234.01 | 0.04808 | 464415.09 |
| 3760234.01 | 0.05204    |         |           |
| 464465.09  | 3760234.01 | 0.05544 | 464515.09 |
| 3760234.01 | 0.05851    |         |           |
| 464565.09  | 3760234.01 | 0.06186 | 464615.09 |
| 3760234.01 | 0.06463    |         |           |
| 464665.09  | 3760234.01 | 0.06693 | 464715.09 |
| 3760234.01 | 0.06888    |         |           |
| 464765.09  | 3760234.01 | 0.06988 | 464865.09 |
| 3760234.01 | 0.07111    |         |           |
| 464915.09  | 3760234.01 | 0.07095 | 464965.09 |
| 3760234.01 | 0.07031    |         |           |
| 465015.09  | 3760234.01 | 0.06947 | 465065.09 |
| 3760234.01 | 0.06830    |         |           |
| 463865.09  | 3760284.01 | 0.01916 | 463915.09 |
| 3760284.01 | 0.02150    |         |           |
| 463965.09  | 3760284.01 | 0.02328 | 464015.09 |
| 3760284.01 | 0.02493    |         |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ONROAD  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| -----                      |                     |         |             |
| 464065.09                  | 3760284.01          | 0.02679 | 464115.09   |
| 3760284.01                 | 0.02899             |         |             |
| 464165.09                  | 3760284.01          | 0.03156 | 464215.09   |
| 3760284.01                 | 0.03422             |         |             |
| 464265.09                  | 3760284.01          | 0.03709 | 464315.09   |
| 3760284.01                 | 0.04000             |         |             |
| 464365.09                  | 3760284.01          | 0.04292 | 464415.09   |
| 3760284.01                 | 0.04607             |         |             |
| 464465.09                  | 3760284.01          | 0.04907 | 464515.09   |
| 3760284.01                 | 0.05147             |         |             |
| 464565.09                  | 3760284.01          | 0.05366 | 464615.09   |
| 3760284.01                 | 0.05573             |         |             |
| 464665.09                  | 3760284.01          | 0.05747 | 464715.09   |
| 3760284.01                 | 0.05897             |         |             |
| 464915.09                  | 3760284.01          | 0.06087 | 464965.09   |
| 3760284.01                 | 0.06051             |         |             |
| 465015.09                  | 3760284.01          | 0.05998 | 465065.09   |
| 3760284.01                 | 0.05919             |         |             |
| 463865.09                  | 3760334.01          | 0.01767 | 463915.09   |
| 3760334.01                 | 0.01953             |         |             |
| 463965.09                  | 3760334.01          | 0.02143 | 464015.09   |
| 3760334.01                 | 0.02303             |         |             |
| 464065.09                  | 3760334.01          | 0.02484 | 464115.09   |
| 3760334.01                 | 0.02687             |         |             |
| 464165.09                  | 3760334.01          | 0.02894 | 464215.09   |
| 3760334.01                 | 0.03124             |         |             |
| 464265.09                  | 3760334.01          | 0.03374 | 464315.09   |
| 3760334.01                 | 0.03621             |         |             |
| 464365.09                  | 3760334.01          | 0.03861 | 464415.09   |
| 3760334.01                 | 0.04105             |         |             |
| 464465.09                  | 3760334.01          | 0.04357 | 464515.09   |
| 3760334.01                 | 0.04571             |         |             |
| 464565.09                  | 3760334.01          | 0.04742 | 464615.09   |
| 3760334.01                 | 0.04898             |         |             |
| 464665.09                  | 3760334.01          | 0.05046 | 464715.09   |
| 3760334.01                 | 0.05150             |         |             |
| 464765.09                  | 3760334.01          | 0.05229 | 464815.09   |
| 3760334.01                 | 0.05267             |         |             |
| 464865.09                  | 3760334.01          | 0.05287 | 464915.09   |
| 3760334.01                 | 0.05299             |         |             |
| 465397.36                  | 3759591.35          | 0.80755 | 464972.42   |
| 3759234.75                 | 0.31830             |         |             |
| 465022.42                  | 3759234.75          | 0.34981 | 464872.42   |
| 3759284.75                 | 0.31833             |         |             |
| 464922.42                  | 3759284.75          | 0.35091 | 464972.42   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759284.75 | 0.38878    |         |           |
| 465022.42  | 3759284.75 | 0.43391 | 465072.42 |
| 3759284.75 | 0.49062    |         |           |
| 464872.42  | 3759334.75 | 0.38475 | 464922.42 |
| 3759334.75 | 0.42726    |         |           |
| 464972.42  | 3759334.75 | 0.48421 | 465022.42 |
| 3759334.75 | 0.55691    |         |           |
| 465072.42  | 3759334.75 | 0.64860 | 465122.42 |
| 3759334.75 | 0.76941    |         |           |
| 464922.42  | 3759384.75 | 0.54071 | 464972.42 |
| 3759384.75 | 0.62733    |         |           |
| 465022.42  | 3759384.75 | 0.74548 | 465072.42 |
| 3759384.75 | 0.90451    |         |           |
| 465122.42  | 3759384.75 | 1.13099 | 464922.42 |
| 3759434.75 | 0.71740    |         |           |
| 464972.42  | 3759434.75 | 0.86039 | 465122.42 |
| 3759434.75 | 1.90531    |         |           |
| 465172.42  | 3759434.75 | 2.87758 | 463750.66 |
| 3758798.89 | 0.04146    |         |           |
| 463800.66  | 3758798.89 | 0.04311 | 463850.66 |
| 3758798.89 | 0.04478    |         |           |
| 463900.66  | 3758798.89 | 0.04645 | 463950.66 |
| 3758798.89 | 0.04806    |         |           |
| 464000.66  | 3758798.89 | 0.04987 | 464050.66 |
| 3758798.89 | 0.05163    |         |           |
| 464100.66  | 3758798.89 | 0.05343 | 464150.66 |
| 3758798.89 | 0.05527    |         |           |
| 464200.66  | 3758798.89 | 0.05710 | 464250.66 |
| 3758798.89 | 0.05901    |         |           |
| 464300.66  | 3758798.89 | 0.06092 | 464350.66 |
| 3758798.89 | 0.06282    |         |           |
| 464400.66  | 3758798.89 | 0.06470 | 464450.66 |
| 3758798.89 | 0.06654    |         |           |
| 464500.66  | 3758798.89 | 0.06828 | 464550.66 |
| 3758798.89 | 0.06986    |         |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,

L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464600.66   | 3758798.89  | 0.07133 | 464650.66   |
| 3758798.89  | 0.07271     |         |             |
| 464700.66   | 3758798.89  | 0.07387 | 464750.66   |
| 3758798.89  | 0.07666     |         |             |
| 463750.66   | 3758838.89  | 0.04224 | 463800.66   |
| 3758838.89  | 0.04405     |         |             |
| 463850.66   | 3758838.89  | 0.04589 | 463900.66   |
| 3758838.89  | 0.04774     |         |             |
| 463950.66   | 3758838.89  | 0.04955 | 464000.66   |
| 3758838.89  | 0.05149     |         |             |
| 464050.66   | 3758838.89  | 0.05355 | 464100.66   |
| 3758838.89  | 0.05559     |         |             |
| 464150.66   | 3758838.89  | 0.05768 | 464200.66   |
| 3758838.89  | 0.05982     |         |             |
| 464250.66   | 3758838.89  | 0.06201 | 464300.66   |
| 3758838.89  | 0.06422     |         |             |
| 464350.66   | 3758838.89  | 0.06645 | 464400.66   |
| 3758838.89  | 0.06869     |         |             |
| 464450.66   | 3758838.89  | 0.07090 | 464500.66   |
| 3758838.89  | 0.07304     |         |             |
| 464550.66   | 3758838.89  | 0.07509 | 464600.66   |
| 3758838.89  | 0.07699     |         |             |
| 464650.66   | 3758838.89  | 0.07871 | 464700.66   |
| 3758838.89  | 0.08029     |         |             |
| 464750.66   | 3758838.89  | 0.08363 | 463750.66   |
| 3758878.89  | 0.04305     |         |             |
| 463800.66   | 3758878.89  | 0.04503 | 463850.66   |
| 3758878.89  | 0.04693     |         |             |
| 463900.66   | 3758878.89  | 0.04900 | 463950.66   |
| 3758878.89  | 0.05111     |         |             |
| 464000.66   | 3758878.89  | 0.05327 | 464050.66   |
| 3758878.89  | 0.05541     |         |             |
| 464100.66   | 3758878.89  | 0.05787 | 464150.66   |
| 3758878.89  | 0.06023     |         |             |
| 464200.66   | 3758878.89  | 0.06265 | 464250.66   |
| 3758878.89  | 0.06511     |         |             |
| 464300.66   | 3758878.89  | 0.06768 | 464350.66   |
| 3758878.89  | 0.07029     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464400.66  | 3758878.89 | 0.07290 | 464450.66 |
| 3758878.89 | 0.07555    |         |           |
| 464500.66  | 3758878.89 | 0.07819 | 464550.66 |
| 3758878.89 | 0.08075    |         |           |
| 464600.66  | 3758878.89 | 0.08309 | 464650.66 |
| 3758878.89 | 0.08527    |         |           |
| 464700.66  | 3758878.89 | 0.08732 | 464750.66 |
| 3758878.89 | 0.09009    |         |           |
| 463750.66  | 3758918.89 | 0.04366 | 463800.66 |
| 3758918.89 | 0.04566    |         |           |
| 463850.66  | 3758918.89 | 0.04789 | 463900.66 |
| 3758918.89 | 0.05019    |         |           |
| 463950.66  | 3758918.89 | 0.05254 | 464000.66 |
| 3758918.89 | 0.05495    |         |           |
| 464050.66  | 3758918.89 | 0.05744 | 464100.66 |
| 3758918.89 | 0.06010    |         |           |
| 464150.66  | 3758918.89 | 0.06276 | 464200.66 |
| 3758918.89 | 0.06552    |         |           |
| 464250.66  | 3758918.89 | 0.06838 | 464300.66 |
| 3758918.89 | 0.07133    |         |           |
| 464350.66  | 3758918.89 | 0.07432 | 464400.66 |
| 3758918.89 | 0.07741    |         |           |
| 464450.66  | 3758918.89 | 0.08055 | 464500.66 |
| 3758918.89 | 0.08371    |         |           |
| 464550.66  | 3758918.89 | 0.08680 | 464600.66 |
| 3758918.89 | 0.08975    |         |           |
| 464650.66  | 3758918.89 | 0.09253 | 464700.66 |
| 3758918.89 | 0.09510    |         |           |
| 464750.66  | 3758918.89 | 0.09789 | 463750.66 |
| 3758958.89 | 0.04427    |         |           |
| 463800.66  | 3758958.89 | 0.04648 | 463850.66 |
| 3758958.89 | 0.04891    |         |           |
| 463900.66  | 3758958.89 | 0.05142 | 463950.66 |
| 3758958.89 | 0.05390    |         |           |
| 464000.66  | 3758958.89 | 0.05671 | 464050.66 |
| 3758958.89 | 0.05948    |         |           |
| 464100.66  | 3758958.89 | 0.06225 | 464150.66 |
| 3758958.89 | 0.06535    |         |           |
| 464200.66  | 3758958.89 | 0.06848 | 464250.66 |
| 3758958.89 | 0.07173    |         |           |
| 464300.66  | 3758958.89 | 0.07511 | 464350.66 |
| 3758958.89 | 0.07861    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\*

14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ONROAD \*\*\*

INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464400.66   | 3758958.89  | 0.08222 | 464450.66   |
| 3758958.89  | 0.08585     |         |             |
| 464500.66   | 3758958.89  | 0.08959 | 464550.66   |
| 3758958.89  | 0.09335     |         |             |
| 464600.66   | 3758958.89  | 0.09700 | 464650.66   |
| 3758958.89  | 0.10056     |         |             |
| 464700.66   | 3758958.89  | 0.10360 | 464750.66   |
| 3758958.89  | 0.10724     |         |             |
| 463750.66   | 3758998.89  | 0.04483 | 463800.66   |
| 3758998.89  | 0.04721     |         |             |
| 463850.66   | 3758998.89  | 0.04969 | 463900.66   |
| 3758998.89  | 0.05245     |         |             |
| 463950.66   | 3758998.89  | 0.05533 | 464000.66   |
| 3758998.89  | 0.05832     |         |             |
| 464050.66   | 3758998.89  | 0.06140 | 464100.66   |
| 3758998.89  | 0.06461     |         |             |
| 464150.66   | 3758998.89  | 0.06797 | 464200.66   |
| 3758998.89  | 0.07161     |         |             |
| 464250.66   | 3758998.89  | 0.07529 | 464300.66   |
| 3758998.89  | 0.07914     |         |             |
| 464350.66   | 3758998.89  | 0.08315 | 464400.66   |
| 3758998.89  | 0.08727     |         |             |
| 464450.66   | 3758998.89  | 0.09155 | 464500.66   |
| 3758998.89  | 0.09598     |         |             |
| 464550.66   | 3758998.89  | 0.10047 | 464600.66   |
| 3758998.89  | 0.10482     |         |             |
| 464650.66   | 3758998.89  | 0.10895 | 464700.66   |
| 3758998.89  | 0.11314     |         |             |
| 464750.66   | 3758998.89  | 0.11776 | 463750.66   |
| 3759038.89  | 0.04526     |         |             |
| 463800.66   | 3759038.89  | 0.04780 | 463850.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759038.89 | 0.05051    |         |           |
| 463900.66  | 3759038.89 | 0.05353 | 463950.66 |
| 3759038.89 | 0.05653    |         |           |
| 464000.66  | 3759038.89 | 0.05983 | 464050.66 |
| 3759038.89 | 0.06327    |         |           |
| 464100.66  | 3759038.89 | 0.06686 | 464150.66 |
| 3759038.89 | 0.07063    |         |           |
| 464200.66  | 3759038.89 | 0.07472 | 464250.66 |
| 3759038.89 | 0.07901    |         |           |
| 464300.66  | 3759038.89 | 0.08337 | 464350.66 |
| 3759038.89 | 0.08794    |         |           |
| 464400.66  | 3759038.89 | 0.09265 | 464450.66 |
| 3759038.89 | 0.09770    |         |           |
| 464500.66  | 3759038.89 | 0.10284 | 464550.66 |
| 3759038.89 | 0.10811    |         |           |
| 464600.66  | 3759038.89 | 0.11334 | 464650.66 |
| 3759038.89 | 0.11863    |         |           |
| 464700.66  | 3759038.89 | 0.12509 | 463750.66 |
| 3759078.89 | 0.04539    |         |           |
| 463800.66  | 3759078.89 | 0.04831 | 463850.66 |
| 3759078.89 | 0.05122    |         |           |
| 463900.66  | 3759078.89 | 0.05432 | 463950.66 |
| 3759078.89 | 0.05777    |         |           |
| 464000.66  | 3759078.89 | 0.06142 | 464050.66 |
| 3759078.89 | 0.06525    |         |           |
| 464100.66  | 3759078.89 | 0.06924 | 464150.66 |
| 3759078.89 | 0.07345    |         |           |
| 464200.66  | 3759078.89 | 0.07804 | 464250.66 |
| 3759078.89 | 0.08289    |         |           |
| 464300.66  | 3759078.89 | 0.08783 | 464350.66 |
| 3759078.89 | 0.09300    |         |           |
| 464400.66  | 3759078.89 | 0.09845 | 464450.66 |
| 3759078.89 | 0.10422    |         |           |
| 464500.66  | 3759078.89 | 0.11022 | 464550.66 |
| 3759078.89 | 0.11635    |         |           |
| 464600.66  | 3759078.89 | 0.12273 | 464650.66 |
| 3759078.89 | 0.12986    |         |           |
| 463750.66  | 3759118.89 | 0.04558 | 463800.66 |
| 3759118.89 | 0.04848    |         |           |
| 463850.66  | 3759118.89 | 0.05178 | 463900.66 |
| 3759118.89 | 0.05514    |         |           |
| 463950.66  | 3759118.89 | 0.05891 | 464000.66 |
| 3759118.89 | 0.06292    |         |           |
| 464050.66  | 3759118.89 | 0.06716 | 464100.66 |
| 3759118.89 | 0.07142    |         |           |
| 464150.66  | 3759118.89 | 0.07612 | 464200.66 |
| 3759118.89 | 0.08129    |         |           |
| 464250.66  | 3759118.89 | 0.08677 | 464300.66 |
| 3759118.89 | 0.09254    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464350.66   | 3759118.89  | 0.09844 | 464400.66   |
| 3759118.89  | 0.10467     |         |             |
| 464450.66   | 3759118.89  | 0.11132 | 464500.66   |
| 3759118.89  | 0.11844     |         |             |
| 464550.66   | 3759118.89  | 0.12581 | 464600.66   |
| 3759118.89  | 0.13418     |         |             |
| 463750.66   | 3759158.89  | 0.04562 | 463800.66   |
| 3759158.89  | 0.04867     |         |             |
| 463850.66   | 3759158.89  | 0.05220 | 463900.66   |
| 3759158.89  | 0.05581     |         |             |
| 463950.66   | 3759158.89  | 0.05969 | 464000.66   |
| 3759158.89  | 0.06406     |         |             |
| 464050.66   | 3759158.89  | 0.06875 | 464100.66   |
| 3759158.89  | 0.07371     |         |             |
| 464150.66   | 3759158.89  | 0.07896 | 464200.66   |
| 3759158.89  | 0.08456     |         |             |
| 464250.66   | 3759158.89  | 0.09097 | 464300.66   |
| 3759158.89  | 0.09733     |         |             |
| 464350.66   | 3759158.89  | 0.10411 | 464400.66   |
| 3759158.89  | 0.11140     |         |             |
| 464450.66   | 3759158.89  | 0.11902 | 464500.66   |
| 3759158.89  | 0.12729     |         |             |
| 463750.66   | 3759198.89  | 0.04551 | 463800.66   |
| 3759198.89  | 0.04872     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463850.66  | 3759198.89 | 0.05246 | 463900.66 |
| 3759198.89 | 0.05630    |         |           |
| 463950.66  | 3759198.89 | 0.06048 | 464000.66 |
| 3759198.89 | 0.06526    |         |           |
| 464050.66  | 3759198.89 | 0.07041 | 464100.66 |
| 3759198.89 | 0.07592    |         |           |
| 464150.66  | 3759198.89 | 0.08180 | 464200.66 |
| 3759198.89 | 0.08833    |         |           |
| 464250.66  | 3759198.89 | 0.09533 | 464300.66 |
| 3759198.89 | 0.10254    |         |           |
| 464350.66  | 3759198.89 | 0.11028 | 464400.66 |
| 3759198.89 | 0.11862    |         |           |
| 464450.66  | 3759198.89 | 0.12732 | 464500.66 |
| 3759198.89 | 0.13681    |         |           |
| 463750.66  | 3759238.89 | 0.04526 | 463800.66 |
| 3759238.89 | 0.04859    |         |           |
| 463850.66  | 3759238.89 | 0.05248 | 463900.66 |
| 3759238.89 | 0.05656    |         |           |
| 463950.66  | 3759238.89 | 0.06105 | 464000.66 |
| 3759238.89 | 0.06625    |         |           |
| 464050.66  | 3759238.89 | 0.07190 | 464100.66 |
| 3759238.89 | 0.07798    |         |           |
| 464150.66  | 3759238.89 | 0.08456 | 464200.66 |
| 3759238.89 | 0.09191    |         |           |
| 464250.66  | 3759238.89 | 0.09984 | 464300.66 |
| 3759238.89 | 0.10803    |         |           |
| 464350.66  | 3759238.89 | 0.11686 | 464400.66 |
| 3759238.89 | 0.12638    |         |           |
| 464450.66  | 3759238.89 | 0.13647 | 464500.66 |
| 3759238.89 | 0.14768    |         |           |
| 464550.66  | 3759238.89 | 0.16095 | 463750.66 |
| 3759278.89 | 0.04485    |         |           |
| 463800.66  | 3759278.89 | 0.04827 | 463850.66 |
| 3759278.89 | 0.05231    |         |           |
| 463900.66  | 3759278.89 | 0.05660 | 463950.66 |
| 3759278.89 | 0.06136    |         |           |
| 464000.66  | 3759278.89 | 0.06724 | 464050.66 |
| 3759278.89 | 0.07309    |         |           |
| 464100.66  | 3759278.89 | 0.07980 | 464150.66 |
| 3759278.89 | 0.08715    |         |           |
| 464200.66  | 3759278.89 | 0.09510 | 464250.66 |
| 3759278.89 | 0.10444    |         |           |
| 464300.66  | 3759278.89 | 0.11417 | 464350.66 |
| 3759278.89 | 0.12428    |         |           |
| 464400.66  | 3759278.89 | 0.13498 | 464450.66 |
| 3759278.89 | 0.14625    |         |           |
| 464500.66  | 3759278.89 | 0.16054 | 463750.66 |
| 3759318.89 | 0.04427    |         |           |
| 463800.66  | 3759318.89 | 0.04775 | 463850.66 |
| 3759318.89 | 0.05167    |         |           |
| 463900.66  | 3759318.89 | 0.05635 | 463950.66 |

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3759318.89      0.06139
      464000.66      3759318.89      0.06763      464050.66
3759318.89      0.07395
      464100.66      3759318.89      0.08098      464150.66
3759318.89      0.08912
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONROAD ***
      INCLUDING SOURCE(S):      L0000081      , L0000082
, L0000083      , L0000084      , L0000085      ,
      L0000086      , L0000087      , L0000088      , L0000089      , L0000090
, L0000091      , L0000092      , L0000093      ,
      L0000094      , L0000095      , L0000096      , L0000097      , L0000098
, L0000099      , L0000100      , L0000101      ,
      L0000102      , L0000103      , L0000104      , L0000105      , L0000106
, L0000107      , L0000108      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| -----       |             |         |             |
| -----       |             |         |             |
| 464200.66   | 3759318.89  | 0.09845 | 464250.66   |
| 3759318.89  | 0.10906     |         |             |
| 464300.66   | 3759318.89  | 0.12019 | 464350.66   |
| 3759318.89  | 0.13185     |         |             |
| 464400.66   | 3759318.89  | 0.14390 | 464450.66   |
| 3759318.89  | 0.15655     |         |             |
| 463750.66   | 3759358.89  | 0.04240 | 463800.66   |
| 3759358.89  | 0.04580     |         |             |
| 463850.66   | 3759358.89  | 0.04972 | 463900.66   |
| 3759358.89  | 0.05588     |         |             |
| 463950.66   | 3759358.89  | 0.06111 | 464000.66   |
| 3759358.89  | 0.06733     |         |             |
| 464050.66   | 3759358.89  | 0.07409 | 464100.66   |
| 3759358.89  | 0.08208     |         |             |
| 464150.66   | 3759358.89  | 0.09105 | 464200.66   |
| 3759358.89  | 0.10152     |         |             |
| 464250.66   | 3759358.89  | 0.11397 | 464300.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759358.89 | 0.12631    |         |           |
| 464350.66  | 3759358.89 | 0.13988 | 464400.66 |
| 3759358.89 | 0.15115    |         |           |
| 463750.66  | 3759398.89 | 0.04095 | 463800.66 |
| 3759398.89 | 0.04434    |         |           |
| 463850.66  | 3759398.89 | 0.04855 | 463900.66 |
| 3759398.89 | 0.05421    |         |           |
| 463950.66  | 3759398.89 | 0.06047 | 464000.66 |
| 3759398.89 | 0.06696    |         |           |
| 464050.66  | 3759398.89 | 0.07411 | 464100.66 |
| 3759398.89 | 0.08270    |         |           |
| 464150.66  | 3759398.89 | 0.09251 | 464200.66 |
| 3759398.89 | 0.10366    |         |           |
| 464250.66  | 3759398.89 | 0.11767 | 464300.66 |
| 3759398.89 | 0.13234    |         |           |
| 464350.66  | 3759398.89 | 0.14611 | 464400.66 |
| 3759398.89 | 0.16005    |         |           |
| 463750.66  | 3759438.89 | 0.03981 | 463800.66 |
| 3759438.89 | 0.04321    |         |           |
| 463850.66  | 3759438.89 | 0.04711 | 463900.66 |
| 3759438.89 | 0.05208    |         |           |
| 463950.66  | 3759438.89 | 0.05916 | 464000.66 |
| 3759438.89 | 0.06588    |         |           |
| 464050.66  | 3759438.89 | 0.07363 | 464100.66 |
| 3759438.89 | 0.08272    |         |           |
| 464150.66  | 3759438.89 | 0.09375 | 464200.66 |
| 3759438.89 | 0.10507    |         |           |
| 464250.66  | 3759438.89 | 0.11870 | 464300.66 |
| 3759438.89 | 0.13752    |         |           |
| 464350.66  | 3759438.89 | 0.15010 | 463800.66 |
| 3759478.89 | 0.04203    |         |           |
| 463850.66  | 3759478.89 | 0.04588 | 463900.66 |
| 3759478.89 | 0.05046    |         |           |
| 463950.66  | 3759478.89 | 0.05640 | 464000.66 |
| 3759478.89 | 0.06468    |         |           |
| 464050.66  | 3759478.89 | 0.07263 | 464100.66 |
| 3759478.89 | 0.08244    |         |           |
| 464250.66  | 3759478.89 | 0.11956 | 464300.66 |
| 3759478.89 | 0.13853    |         |           |
| 464350.66  | 3759478.89 | 0.15517 | 463850.66 |
| 3759518.89 | 0.04453    |         |           |
| 463900.66  | 3759518.89 | 0.04895 | 463950.66 |
| 3759518.89 | 0.05491    |         |           |
| 464000.66  | 3759518.89 | 0.06310 | 464050.66 |
| 3759518.89 | 0.07109    |         |           |
| 464300.66  | 3759518.89 | 0.13683 | 464350.66 |
| 3759518.89 | 0.16085    |         |           |
| 463900.66  | 3759558.89 | 0.04735 | 463950.66 |
| 3759558.89 | 0.05314    |         |           |
| 464000.66  | 3759558.89 | 0.06020 | 464350.66 |
| 3759558.89 | 0.16599    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464400.66  | 3759558.89 | 0.20026 | 463950.66 |
| 3759598.89 | 0.05099    |         |           |
| 464517.36  | 3759346.67 | 0.18818 | 464567.36 |
| 3759346.67 | 0.20910    |         |           |
| 464617.36  | 3759346.67 | 0.23165 | 464517.36 |
| 3759396.67 | 0.21042    |         |           |
| 464567.36  | 3759396.67 | 0.23693 | 464617.36 |
| 3759396.67 | 0.26621    |         |           |
| 464517.36  | 3759446.67 | 0.23677 | 464567.36 |
| 3759446.67 | 0.27185    |         |           |
| 464617.36  | 3759446.67 | 0.31187 | 464694.84 |
| 3759819.76 | 3.95583    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ONROAD  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>  
 \*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464809.77   | 3759568.55  | 1.14786 | 464859.77   |
| 3759568.55  | 1.54980     |         |             |
| 464609.77   | 3759618.55  | 0.62856 | 464659.77   |
| 3759618.55  | 0.81636     |         |             |
| 464709.77   | 3759618.55  | 1.01754 | 464759.77   |
| 3759618.55  | 1.33033     |         |             |
| 464809.77   | 3759618.55  | 1.94475 | 464859.77   |
| 3759618.55  | 3.15152     |         |             |
| 464609.77   | 3759668.55  | 0.86957 | 464659.77   |
| 3759668.55  | 1.21658     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464709.77  | 3759668.55 | 1.78423 | 464759.77 |
| 3759668.55 | 2.56255    |         |           |
| 464809.77  | 3759668.55 | 4.83030 | 464859.77 |
| 3759668.55 | 6.69683    |         |           |
| 464609.77  | 3759718.55 | 1.35530 | 464659.77 |
| 3759718.55 | 2.23808    |         |           |
| 464709.77  | 3759718.55 | 4.09391 | 464759.77 |
| 3759718.55 | 10.18282   |         |           |
| 464444.57  | 3759555.56 | 0.23632 | 464494.57 |
| 3759555.56 | 0.28927    |         |           |
| 464544.57  | 3759555.56 | 0.35580 | 464444.57 |
| 3759605.56 | 0.25732    |         |           |
| 464494.57  | 3759605.56 | 0.32935 | 464544.57 |
| 3759605.56 | 0.42434    |         |           |
| 464444.57  | 3759655.56 | 0.27492 | 464494.57 |
| 3759655.56 | 0.37403    |         |           |
| 464544.57  | 3759655.56 | 0.51811 | 463980.94 |
| 3759596.79 | 0.05462    |         |           |
| 464030.94  | 3759596.79 | 0.06079 | 464080.94 |
| 3759596.79 | 0.06870    |         |           |
| 464130.94  | 3759596.79 | 0.07915 | 464180.94 |
| 3759596.79 | 0.09203    |         |           |
| 464230.94  | 3759596.79 | 0.10739 | 464280.94 |
| 3759596.79 | 0.12824    |         |           |
| 464330.94  | 3759596.79 | 0.15571 | 464380.94 |
| 3759596.79 | 0.19135    |         |           |
| 463980.94  | 3759646.79 | 0.05120 | 464030.94 |
| 3759646.79 | 0.05739    |         |           |
| 464080.94  | 3759646.79 | 0.06507 | 464130.94 |
| 3759646.79 | 0.07472    |         |           |
| 464180.94  | 3759646.79 | 0.08708 | 464230.94 |
| 3759646.79 | 0.10319    |         |           |
| 464280.94  | 3759646.79 | 0.12453 | 464330.94 |
| 3759646.79 | 0.15374    |         |           |
| 464380.94  | 3759646.79 | 0.19399 | 463980.94 |
| 3759696.79 | 0.04834    |         |           |
| 464030.94  | 3759696.79 | 0.05409 | 464080.94 |
| 3759696.79 | 0.06122    |         |           |
| 464130.94  | 3759696.79 | 0.07034 | 464180.94 |
| 3759696.79 | 0.08205    |         |           |
| 464230.94  | 3759696.79 | 0.09749 | 464280.94 |
| 3759696.79 | 0.11855    |         |           |
| 464330.94  | 3759696.79 | 0.14821 | 464380.94 |
| 3759696.79 | 0.19090    |         |           |
| 464450.80  | 3759744.24 | 0.29035 | 464030.94 |
| 3759746.79 | 0.05076    |         |           |
| 464080.94  | 3759746.79 | 0.05734 | 464130.94 |
| 3759746.79 | 0.06567    |         |           |
| 464180.94  | 3759746.79 | 0.07630 | 464230.94 |
| 3759746.79 | 0.09038    |         |           |
| 464280.94  | 3759746.79 | 0.10974 | 464330.94 |

|            |            |          |           |
|------------|------------|----------|-----------|
| 3759746.79 | 0.13766    |          |           |
| 464380.94  | 3759746.79 | 0.17989  | 463980.94 |
| 3759796.79 | 0.04285    |          |           |
| 464030.94  | 3759796.79 | 0.04764  | 464080.94 |
| 3759796.79 | 0.05363    |          |           |
| 464130.94  | 3759796.79 | 0.06105  | 464180.94 |
| 3759796.79 | 0.07038    |          |           |
| 464230.94  | 3759796.79 | 0.08288  | 464280.94 |
| 3759796.79 | 0.09999    |          |           |
| 464330.94  | 3759796.79 | 0.12457  | 464380.94 |
| 3759796.79 | 0.16140    |          |           |
| 464788.18  | 3759737.20 | 11.02797 | 464838.18 |
| 3759737.20 | 4.98163    |          |           |
| 464888.18  | 3759737.20 | 3.00911  | 464938.18 |
| 3759737.20 | 2.06555    |          |           |
| 464988.18  | 3759737.20 | 1.51309  | 465038.18 |
| 3759737.20 | 1.17261    |          |           |
| 465088.18  | 3759737.20 | 0.94315  | 465138.18 |
| 3759737.20 | 0.77763    |          |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ONROAD  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 465188.18   | 3759737.20  | 0.65484 | 465238.18   |
| 3759737.20  | 0.55948     |         |             |
| 465288.18   | 3759737.20  | 0.48352 | 465338.18   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759737.20 | 0.42171    |         |           |
| 465388.18  | 3759737.20 | 0.36926 | 464788.18 |
| 3759787.20 | 3.07424    |         |           |
| 464838.18  | 3759787.20 | 2.04052 | 464888.18 |
| 3759787.20 | 1.49206    |         |           |
| 464938.18  | 3759787.20 | 1.14576 | 464988.18 |
| 3759787.20 | 0.90878    |         |           |
| 465038.18  | 3759787.20 | 0.74795 | 465088.18 |
| 3759787.20 | 0.63124    |         |           |
| 465138.18  | 3759787.20 | 0.54157 | 465188.18 |
| 3759787.20 | 0.47042    |         |           |
| 465238.18  | 3759787.20 | 0.41095 | 465288.18 |
| 3759787.20 | 0.36341    |         |           |
| 465338.18  | 3759787.20 | 0.32288 | 465388.18 |
| 3759787.20 | 0.28690    |         |           |
| 464788.18  | 3759837.20 | 1.30884 | 464838.18 |
| 3759837.20 | 1.02784    |         |           |
| 464888.18  | 3759837.20 | 0.83624 | 464938.18 |
| 3759837.20 | 0.67931    |         |           |
| 464988.18  | 3759837.20 | 0.57824 | 465038.18 |
| 3759837.20 | 0.49831    |         |           |
| 465088.18  | 3759837.20 | 0.43807 | 465138.18 |
| 3759837.20 | 0.38749    |         |           |
| 465188.18  | 3759837.20 | 0.34524 | 465238.18 |
| 3759837.20 | 0.30822    |         |           |
| 465288.18  | 3759837.20 | 0.27758 | 465338.18 |
| 3759837.20 | 0.25051    |         |           |
| 465388.18  | 3759837.20 | 0.22645 | 464788.18 |
| 3759887.20 | 0.64908    |         |           |
| 464838.18  | 3759887.20 | 0.57037 | 464888.18 |
| 3759887.20 | 0.49158    |         |           |
| 464938.18  | 3759887.20 | 0.43062 | 464988.18 |
| 3759887.20 | 0.38427    |         |           |
| 465038.18  | 3759887.20 | 0.34537 | 465088.18 |
| 3759887.20 | 0.31278    |         |           |
| 465138.18  | 3759887.20 | 0.28423 | 465188.18 |
| 3759887.20 | 0.25864    |         |           |
| 465238.18  | 3759887.20 | 0.23597 | 465288.18 |
| 3759887.20 | 0.21537    |         |           |
| 465338.18  | 3759887.20 | 0.19828 | 465388.18 |
| 3759887.20 | 0.18082    |         |           |
| 464788.18  | 3759937.20 | 0.37442 | 464838.18 |
| 3759937.20 | 0.34681    |         |           |
| 464888.18  | 3759937.20 | 0.31494 | 464938.18 |
| 3759937.20 | 0.29020    |         |           |
| 464988.18  | 3759937.20 | 0.26884 | 465038.18 |
| 3759937.20 | 0.24916    |         |           |
| 465088.18  | 3759937.20 | 0.23063 | 465138.18 |
| 3759937.20 | 0.21414    |         |           |
| 465188.18  | 3759937.20 | 0.19835 | 465238.18 |
| 3759937.20 | 0.18377    |         |           |

|            |            |          |           |
|------------|------------|----------|-----------|
| 465288.18  | 3759937.20 | 0.17017  | 465338.18 |
| 3759937.20 | 0.15822    |          |           |
| 465388.18  | 3759937.20 | 0.14658  | 464959.25 |
| 3759453.01 | 0.92789    |          |           |
| 465009.25  | 3759453.01 | 1.17537  | 465059.25 |
| 3759453.01 | 1.55525    |          |           |
| 465109.25  | 3759453.01 | 2.20432  | 465159.25 |
| 3759453.01 | 3.50487    |          |           |
| 465209.25  | 3759453.01 | 6.95630  | 465259.25 |
| 3759453.01 | 8.34589    |          |           |
| 465309.25  | 3759453.01 | 8.98255  | 465359.25 |
| 3759453.01 | 4.48227    |          |           |
| 465409.25  | 3759453.01 | 2.74804  | 465459.25 |
| 3759453.01 | 1.86224    |          |           |
| 465509.25  | 3759453.01 | 1.32289  | 464959.25 |
| 3759503.01 | 1.43817    |          |           |
| 465009.25  | 3759503.01 | 2.00610  | 465059.25 |
| 3759503.01 | 3.10674    |          |           |
| 465109.25  | 3759503.01 | 5.80703  | 465159.25 |
| 3759503.01 | 7.05722    |          |           |
| 465209.25  | 3759503.01 | 11.01976 | 465259.25 |
| 3759503.01 | 5.14072    |          |           |
| 465309.25  | 3759503.01 | 3.08060  | 465359.25 |
| 3759503.01 | 2.09965    |          |           |
| 465409.25  | 3759503.01 | 1.53209  | 465459.25 |
| 3759503.01 | 1.16067    |          |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ONROAD  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 3759553.01  | 465509.25   | 3759503.01  | 0.89501 | 464959.25   |
| 3759553.01  | 465009.25   | 3759553.01  | 4.86953 | 465059.25   |
| 3759553.01  | 465109.25   | 3759553.01  | 9.94217 | 465159.25   |
| 3759553.01  | 465209.25   | 3759553.01  | 3.42020 | 465259.25   |
| 3759553.01  | 465309.25   | 3759553.01  | 1.66883 | 465359.25   |
| 3759553.01  | 465409.25   | 3759553.01  | 1.00270 | 465459.25   |
| 3759603.01  | 465509.25   | 3759553.01  | 0.65196 | 464959.25   |
| 3759603.01  | 465009.25   | 3759603.01  | 7.59144 | 465059.25   |
| 3759603.01  | 465109.25   | 3759603.01  | 3.78042 | 465159.25   |
| 3759603.01  | 465209.25   | 3759603.01  | 1.78372 | 465259.25   |
| 3759603.01  | 465309.25   | 3759603.01  | 1.07636 | 465359.25   |
| 3759603.01  | 465409.25   | 3759603.01  | 0.71662 | 465459.25   |
| 3759653.01  | 465509.25   | 3759603.01  | 0.50179 | 464959.25   |
| 3759653.01  | 465009.25   | 3759653.01  | 4.09749 | 465059.25   |
| 3759653.01  | 465109.25   | 3759653.01  | 1.88737 | 465159.25   |
| 3759653.01  | 465209.25   | 3759653.01  | 1.12388 | 465259.25   |
| 3759653.01  | 465309.25   | 3759653.01  | 0.75561 | 465359.25   |
| 3759653.01  | 465409.25   | 3759653.01  | 0.53955 | 465459.25   |
| 3759703.01  | 465509.25   | 3759653.01  | 0.39737 | 464959.25   |
| 3759703.01  | 465009.25   | 3759703.01  | 1.98149 | 465059.25   |
| 3759703.01  | 465109.25   | 3759703.01  | 1.15452 | 465159.25   |
| 3759703.01  | 465209.25   | 3759703.01  | 0.77138 | 465259.25   |
| 3759703.01  | 465309.25   | 3759703.01  | 0.55495 | 465359.25   |
| 3759703.01  | 465409.25   | 3759703.01  | 0.41480 | 465459.25   |

|                                                                                                                                                         |            |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|-----------|
| 3759703.01                                                                                                                                              | 0.36171    |         |           |
| 465509.25                                                                                                                                               | 3759703.01 | 0.31639 | 465160.97 |
| 3759198.29                                                                                                                                              | 0.38134    |         |           |
| 465210.97                                                                                                                                               | 3759198.29 | 0.41902 | 465260.97 |
| 3759198.29                                                                                                                                              | 0.46086    |         |           |
| 465310.97                                                                                                                                               | 3759198.29 | 0.50571 | 465360.97 |
| 3759198.29                                                                                                                                              | 0.54715    |         |           |
| 465160.97                                                                                                                                               | 3759248.29 | 0.50358 | 465210.97 |
| 3759248.29                                                                                                                                              | 0.57396    |         |           |
| 465260.97                                                                                                                                               | 3759248.29 | 0.66118 | 465310.97 |
| 3759248.29                                                                                                                                              | 0.77267    |         |           |
| 465360.97                                                                                                                                               | 3759248.29 | 0.91340 | 465160.97 |
| 3759298.29                                                                                                                                              | 0.68636    |         |           |
| 465210.97                                                                                                                                               | 3759298.29 | 0.81899 | 465260.97 |
| 3759298.29                                                                                                                                              | 1.00010    |         |           |
| 465310.97                                                                                                                                               | 3759298.29 | 1.26782 | 465360.97 |
| 3759298.29                                                                                                                                              | 1.69668    |         |           |
| 465160.97                                                                                                                                               | 3759348.29 | 0.99182 | 465210.97 |
| 3759348.29                                                                                                                                              | 1.25937    |         |           |
| 465260.97                                                                                                                                               | 3759348.29 | 1.68057 | 465310.97 |
| 3759348.29                                                                                                                                              | 2.44275    |         |           |
| 465360.97                                                                                                                                               | 3759348.29 | 4.10000 | 465160.97 |
| 3759398.29                                                                                                                                              | 1.59742    |         |           |
| 465210.97                                                                                                                                               | 3759398.29 | 2.27593 | 465260.97 |
| 3759398.29                                                                                                                                              | 3.67152    |         |           |
| 465310.97                                                                                                                                               | 3759398.29 | 7.47300 | 465360.97 |
| 3759398.29                                                                                                                                              | 7.74022    |         |           |
| 464719.89                                                                                                                                               | 3759036.22 | 0.12706 | 464769.89 |
| 3759036.22                                                                                                                                              | 0.13325    |         |           |
| 464819.89                                                                                                                                               | 3759036.22 | 0.13862 | 464869.89 |
| 3759036.22                                                                                                                                              | 0.14333    |         |           |
| 464919.89                                                                                                                                               | 3759036.22 | 0.14995 | 464969.89 |
| 3759036.22                                                                                                                                              | 0.15802    |         |           |
| *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking<br>Structure *** 11/22/24<br>*** AERMET - VERSION 16216 *** ***<br>*** 14:15:48 |            |         |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ONROAD  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC      | X-COORD (M) |
|-------------|-------------|-------------|-----------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - - | - - - - -   |
| 3759086.22  | 464719.89   | 3759086.22  | 0.14335   | 464769.89   |
| 3759086.22  | 464819.89   | 3759086.22  | 0.16037   | 464869.89   |
| 3759086.22  | 464919.89   | 3759086.22  | 0.17795   | 464969.89   |
| 3759086.22  | 464719.89   | 3759136.22  | 0.16081   | 464769.89   |
| 3759136.22  | 464819.89   | 3759136.22  | 0.18096   | 464869.89   |
| 3759136.22  | 464919.89   | 3759136.22  | 0.20427   | 464969.89   |
| 3759136.22  | 464719.89   | 3759186.22  | 0.18219   | 464769.89   |
| 3759186.22  | 464819.89   | 3759186.22  | 0.20851   | 464869.89   |
| 3759186.22  | 464919.89   | 3759186.22  | 0.24002   | 464969.89   |
| 3759186.22  | 464719.89   | 3759236.22  | 0.20771   | 464769.89   |
| 3759236.22  | 464819.89   | 3759236.22  | 0.24204   | 464869.89   |
| 3759236.22  | 464919.89   | 3759236.22  | 0.28910   |             |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
\*\*\*  
VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 463865.09   | 3759834.01  | 0.11257 | 463915.09   |
| 3759834.01  | 0.12822     |         |             |
| 463965.09   | 3759834.01  | 0.14658 | 464015.09   |
| 3759834.01  | 0.16928     |         |             |
| 464065.09   | 3759834.01  | 0.19883 | 464115.09   |
| 3759834.01  | 0.23763     |         |             |
| 464165.09   | 3759834.01  | 0.29070 | 464215.09   |
| 3759834.01  | 0.36520     |         |             |
| 464265.09   | 3759834.01  | 0.47271 | 464315.09   |
| 3759834.01  | 0.62315     |         |             |
| 464365.09   | 3759834.01  | 0.84247 | 464415.09   |
| 3759834.01  | 1.23804     |         |             |
| 464465.09   | 3759834.01  | 2.23988 | 464515.09   |
| 3759834.01  | 3.89497     |         |             |
| 463865.09   | 3759884.01  | 0.10503 | 463915.09   |
| 3759884.01  | 0.11710     |         |             |
| 463965.09   | 3759884.01  | 0.13255 | 464015.09   |
| 3759884.01  | 0.15295     |         |             |
| 464065.09   | 3759884.01  | 0.17882 | 464115.09   |
| 3759884.01  | 0.21331     |         |             |
| 464165.09   | 3759884.01  | 0.25842 | 464215.09   |
| 3759884.01  | 0.31768     |         |             |
| 464265.09   | 3759884.01  | 0.39271 | 464315.09   |
| 3759884.01  | 0.49048     |         |             |
| 464365.09   | 3759884.01  | 0.63841 | 464415.09   |
| 3759884.01  | 0.86447     |         |             |
| 464465.09   | 3759884.01  | 1.26933 | 464515.09   |
| 3759884.01  | 1.83833     |         |             |
| 464565.09   | 3759884.01  | 2.46885 | 463865.09   |
| 3759934.01  | 0.09730     |         |             |
| 463915.09   | 3759934.01  | 0.10824 | 463965.09   |
| 3759934.01  | 0.12142     |         |             |
| 464115.09   | 3759934.01  | 0.18721 | 464165.09   |
| 3759934.01  | 0.22733     |         |             |
| 464215.09   | 3759934.01  | 0.27332 | 464265.09   |
| 3759934.01  | 0.32332     |         |             |
| 464315.09   | 3759934.01  | 0.39497 | 464365.09   |
| 3759934.01  | 0.49519     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464415.09  | 3759934.01 | 0.62866 | 464465.09 |
| 3759934.01 | 0.80829    |         |           |
| 464515.09  | 3759934.01 | 1.01973 | 464565.09 |
| 3759934.01 | 1.19896    |         |           |
| 464665.09  | 3759934.01 | 1.29705 | 463865.09 |
| 3759984.01 | 0.09053    |         |           |
| 464115.09  | 3759984.01 | 0.16583 | 464165.09 |
| 3759984.01 | 0.19679    |         |           |
| 464215.09  | 3759984.01 | 0.23513 | 464265.09 |
| 3759984.01 | 0.27448    |         |           |
| 464315.09  | 3759984.01 | 0.32519 | 464365.09 |
| 3759984.01 | 0.39058    |         |           |
| 464415.09  | 3759984.01 | 0.46967 | 464465.09 |
| 3759984.01 | 0.56043    |         |           |
| 464515.09  | 3759984.01 | 0.65087 | 464565.09 |
| 3759984.01 | 0.72117    |         |           |
| 464615.09  | 3759984.01 | 0.75481 | 464665.09 |
| 3759984.01 | 0.75034    |         |           |
| 464765.09  | 3759984.01 | 0.67463 | 464865.09 |
| 3759984.01 | 0.55806    |         |           |
| 464915.09  | 3759984.01 | 0.50169 | 464165.09 |
| 3760034.01 | 0.17232    |         |           |
| 464215.09  | 3760034.01 | 0.20314 | 464265.09 |
| 3760034.01 | 0.23664    |         |           |
| 464315.09  | 3760034.01 | 0.27029 | 464365.09 |
| 3760034.01 | 0.31225    |         |           |
| 464415.09  | 3760034.01 | 0.35945 | 464465.09 |
| 3760034.01 | 0.40835    |         |           |
| 464515.09  | 3760034.01 | 0.45457 | 464565.09 |
| 3760034.01 | 0.48842    |         |           |
| 464615.09  | 3760034.01 | 0.50505 | 464665.09 |
| 3760034.01 | 0.50391    |         |           |
| 464715.09  | 3760034.01 | 0.49087 | 464815.09 |
| 3760034.01 | 0.43607    |         |           |
| 464865.09  | 3760034.01 | 0.40611 | 464915.09 |
| 3760034.01 | 0.37490    |         |           |
| 465065.09  | 3760034.01 | 0.30283 | 464165.09 |
| 3760084.01 | 0.15103    |         |           |
| 464215.09  | 3760084.01 | 0.17434 | 464265.09 |
| 3760084.01 | 0.20247    |         |           |
| 464315.09  | 3760084.01 | 0.22750 | 464365.09 |
| 3760084.01 | 0.25361    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464415.09   | 3760084.01  | 0.28179 | 464465.09   |
| 3760084.01  | 0.30971     |         |             |
| 464515.09   | 3760084.01  | 0.33613 | 464565.09   |
| 3760084.01  | 0.35427     |         |             |
| 464615.09   | 3760084.01  | 0.36324 | 464665.09   |
| 3760084.01  | 0.36309     |         |             |
| 464715.09   | 3760084.01  | 0.35433 | 464865.09   |
| 3760084.01  | 0.31012     |         |             |
| 464915.09   | 3760084.01  | 0.29243 | 464965.09   |
| 3760084.01  | 0.27464     |         |             |
| 465015.09   | 3760084.01  | 0.25790 | 464115.09   |
| 3760134.01  | 0.11700     |         |             |
| 464165.09   | 3760134.01  | 0.13187 | 464215.09   |
| 3760134.01  | 0.15013     |         |             |
| 464265.09   | 3760134.01  | 0.17009 | 464315.09   |
| 3760134.01  | 0.19144     |         |             |
| 464365.09   | 3760134.01  | 0.20987 | 464415.09   |
| 3760134.01  | 0.22630     |         |             |
| 464465.09   | 3760134.01  | 0.24319 | 464515.09   |
| 3760134.01  | 0.25947     |         |             |
| 464565.09   | 3760134.01  | 0.26961 | 464615.09   |
| 3760134.01  | 0.27493     |         |             |
| 464665.09   | 3760134.01  | 0.27513 | 464715.09   |
| 3760134.01  | 0.27054     |         |             |
| 464765.09   | 3760134.01  | 0.26371 | 464815.09   |
| 3760134.01  | 0.25533     |         |             |
| 464865.09   | 3760134.01  | 0.24506 | 464915.09   |
| 3760134.01  | 0.23416     |         |             |
| 464965.09   | 3760134.01  | 0.22287 | 465015.09   |
| 3760134.01  | 0.21134     |         |             |
| 465065.09   | 3760134.01  | 0.20054 | 463865.09   |

|                              |            |         |                                      |
|------------------------------|------------|---------|--------------------------------------|
| 3760184.01                   | 0.06294    |         |                                      |
| 464015.09                    | 3760184.01 | 0.08497 | 464065.09                            |
| 3760184.01                   | 0.09360    |         |                                      |
| 464115.09                    | 3760184.01 | 0.10363 | 464165.09                            |
| 3760184.01                   | 0.11552    |         |                                      |
| 464215.09                    | 3760184.01 | 0.12966 | 464265.09                            |
| 3760184.01                   | 0.14347    |         |                                      |
| 464315.09                    | 3760184.01 | 0.15927 | 464365.09                            |
| 3760184.01                   | 0.17435    |         |                                      |
| 464415.09                    | 3760184.01 | 0.18676 | 464465.09                            |
| 3760184.01                   | 0.19748    |         |                                      |
| 464515.09                    | 3760184.01 | 0.20567 | 464565.09                            |
| 3760184.01                   | 0.21276    |         |                                      |
| 464615.09                    | 3760184.01 | 0.21619 | 464665.09                            |
| 3760184.01                   | 0.21647    |         |                                      |
| 464715.09                    | 3760184.01 | 0.21413 | 464865.09                            |
| 3760184.01                   | 0.19878    |         |                                      |
| 464915.09                    | 3760184.01 | 0.19189 | 464965.09                            |
| 3760184.01                   | 0.18468    |         |                                      |
| 465015.09                    | 3760184.01 | 0.17657 | 465065.09                            |
| 3760184.01                   | 0.16869    |         |                                      |
| 463865.09                    | 3760234.01 | 0.05548 | 463915.09                            |
| 3760234.01                   | 0.06307    |         |                                      |
| 463965.09                    | 3760234.01 | 0.06928 | 464015.09                            |
| 3760234.01                   | 0.07617    |         |                                      |
| 464065.09                    | 3760234.01 | 0.08335 | 464115.09                            |
| 3760234.01                   | 0.09239    |         |                                      |
| 464165.09                    | 3760234.01 | 0.10248 | 464215.09                            |
| 3760234.01                   | 0.11265    |         |                                      |
| 464265.09                    | 3760234.01 | 0.12268 | 464315.09                            |
| 3760234.01                   | 0.13363    |         |                                      |
| 464365.09                    | 3760234.01 | 0.14468 | 464415.09                            |
| 3760234.01                   | 0.15574    |         |                                      |
| 464465.09                    | 3760234.01 | 0.16292 | 464515.09                            |
| 3760234.01                   | 0.16786    |         |                                      |
| 464565.09                    | 3760234.01 | 0.17274 | 464615.09                            |
| 3760234.01                   | 0.17500    |         |                                      |
| 464665.09                    | 3760234.01 | 0.17522 | 464715.09                            |
| 3760234.01                   | 0.17419    |         |                                      |
| 464765.09                    | 3760234.01 | 0.17117 | 464865.09                            |
| 3760234.01                   | 0.16456    |         |                                      |
| 464915.09                    | 3760234.01 | 0.16015 | 464965.09                            |
| 3760234.01                   | 0.15517    |         |                                      |
| 465015.09                    | 3760234.01 | 0.14991 | 465065.09                            |
| 3760234.01                   | 0.14421    |         |                                      |
| 463865.09                    | 3760284.01 | 0.05019 | 463915.09                            |
| 3760284.01                   | 0.05666    |         |                                      |
| 463965.09                    | 3760284.01 | 0.06256 | 464015.09                            |
| 3760284.01                   | 0.06835    |         |                                      |
| ▲ *** AERMOD - VERSION 21112 | ***        | ***     | Riverside Community Hospital Parking |
| Structure                    | ***        |         | 11/22/24                             |

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\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
\*\*\*  
VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464065.09   | 3760284.01  | 0.07492 | 464115.09   |
| 3760284.01  | 0.08243     |         |             |
| 464165.09   | 3760284.01  | 0.09061 | 464215.09   |
| 3760284.01  | 0.09862     |         |             |
| 464265.09   | 3760284.01  | 0.10696 | 464315.09   |
| 3760284.01  | 0.11492     |         |             |
| 464365.09   | 3760284.01  | 0.12287 | 464415.09   |
| 3760284.01  | 0.13120     |         |             |
| 464465.09   | 3760284.01  | 0.13819 | 464515.09   |
| 3760284.01  | 0.14178     |         |             |
| 464565.09   | 3760284.01  | 0.14394 | 464615.09   |
| 3760284.01  | 0.14557     |         |             |
| 464665.09   | 3760284.01  | 0.14591 | 464715.09   |
| 3760284.01  | 0.14533     |         |             |
| 464915.09   | 3760284.01  | 0.13593 | 464965.09   |
| 3760284.01  | 0.13264     |         |             |
| 465015.09   | 3760284.01  | 0.12905 | 465065.09   |
| 3760284.01  | 0.12500     |         |             |
| 463865.09   | 3760334.01  | 0.04586 | 463915.09   |
| 3760334.01  | 0.05072     |         |             |
| 463965.09   | 3760334.01  | 0.05645 | 464015.09   |
| 3760334.01  | 0.06178     |         |             |
| 464065.09   | 3760334.01  | 0.06780 | 464115.09   |
| 3760334.01  | 0.07429     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464165.09  | 3760334.01 | 0.08043 | 464215.09 |
| 3760334.01 | 0.08672    |         |           |
| 464265.09  | 3760334.01 | 0.09328 | 464315.09 |
| 3760334.01 | 0.09971    |         |           |
| 464365.09  | 3760334.01 | 0.10582 | 464415.09 |
| 3760334.01 | 0.11199    |         |           |
| 464465.09  | 3760334.01 | 0.11782 | 464515.09 |
| 3760334.01 | 0.12162    |         |           |
| 464565.09  | 3760334.01 | 0.12324 | 464615.09 |
| 3760334.01 | 0.12419    |         |           |
| 464665.09  | 3760334.01 | 0.12478 | 464715.09 |
| 3760334.01 | 0.12411    |         |           |
| 464765.09  | 3760334.01 | 0.12294 | 464815.09 |
| 3760334.01 | 0.12108    |         |           |
| 464865.09  | 3760334.01 | 0.11903 | 464915.09 |
| 3760334.01 | 0.11707    |         |           |
| 465397.36  | 3759591.35 | 0.98939 | 464972.42 |
| 3759234.75 | 0.38811    |         |           |
| 465022.42  | 3759234.75 | 0.41279 | 464872.42 |
| 3759284.75 | 0.41034    |         |           |
| 464922.42  | 3759284.75 | 0.43434 | 464972.42 |
| 3759284.75 | 0.46711    |         |           |
| 465022.42  | 3759284.75 | 0.50883 | 465072.42 |
| 3759284.75 | 0.56353    |         |           |
| 464872.42  | 3759334.75 | 0.50003 | 464922.42 |
| 3759334.75 | 0.52805    |         |           |
| 464972.42  | 3759334.75 | 0.58109 | 465022.42 |
| 3759334.75 | 0.65131    |         |           |
| 465072.42  | 3759334.75 | 0.74083 | 465122.42 |
| 3759334.75 | 0.85981    |         |           |
| 464922.42  | 3759384.75 | 0.67244 | 464972.42 |
| 3759384.75 | 0.75382    |         |           |
| 465022.42  | 3759384.75 | 0.86906 | 465072.42 |
| 3759384.75 | 1.02506    |         |           |
| 465122.42  | 3759384.75 | 1.24839 | 464922.42 |
| 3759434.75 | 0.90033    |         |           |
| 464972.42  | 3759434.75 | 1.03410 | 465122.42 |
| 3759434.75 | 2.06045    |         |           |
| 465172.42  | 3759434.75 | 3.02569 | 463750.66 |
| 3758798.89 | 0.09940    |         |           |
| 463800.66  | 3758798.89 | 0.10043 | 463850.66 |
| 3758798.89 | 0.10125    |         |           |
| 463900.66  | 3758798.89 | 0.10197 | 463950.66 |
| 3758798.89 | 0.10267    |         |           |
| 464000.66  | 3758798.89 | 0.10363 | 464050.66 |
| 3758798.89 | 0.10463    |         |           |
| 464100.66  | 3758798.89 | 0.10568 | 464150.66 |
| 3758798.89 | 0.10672    |         |           |
| 464200.66  | 3758798.89 | 0.10761 | 464250.66 |
| 3758798.89 | 0.10832    |         |           |
| 464300.66  | 3758798.89 | 0.10865 | 464350.66 |

```

3758798.89      0.10871
      464400.66      3758798.89      0.10845      464450.66
3758798.89      0.10787
      464500.66      3758798.89      0.10692      464550.66
3758798.89      0.10568
^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| -----       |             |         |             |
| -----       |             |         |             |
| 464600.66   | 3758798.89  | 0.10443 | 464650.66   |
| 3758798.89  | 0.10338     |         |             |
| 464700.66   | 3758798.89  | 0.10243 | 464750.66   |
| 3758798.89  | 0.10536     |         |             |
| 463750.66   | 3758838.89  | 0.10474 | 463800.66   |
| 3758838.89  | 0.10620     |         |             |
| 463850.66   | 3758838.89  | 0.10733 | 463900.66   |
| 3758838.89  | 0.10828     |         |             |
| 463950.66   | 3758838.89  | 0.10913 | 464000.66   |
| 3758838.89  | 0.11013     |         |             |
| 464050.66   | 3758838.89  | 0.11136 | 464100.66   |
| 3758838.89  | 0.11260     |         |             |
| 464150.66   | 3758838.89  | 0.11386 | 464200.66   |
| 3758838.89  | 0.11503     |         |             |
| 464250.66   | 3758838.89  | 0.11598 | 464300.66   |
| 3758838.89  | 0.11652     |         |             |
| 464350.66   | 3758838.89  | 0.11679 | 464400.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3758838.89 | 0.11660    |         |           |
| 464450.66  | 3758838.89 | 0.11610 | 464500.66 |
| 3758838.89 | 0.11526    |         |           |
| 464550.66  | 3758838.89 | 0.11418 | 464600.66 |
| 3758838.89 | 0.11302    |         |           |
| 464650.66  | 3758838.89 | 0.11191 | 464700.66 |
| 3758838.89 | 0.11109    |         |           |
| 464750.66  | 3758838.89 | 0.11450 | 463750.66 |
| 3758878.89 | 0.11041    |         |           |
| 463800.66  | 3758878.89 | 0.11240 | 463850.66 |
| 3758878.89 | 0.11385    |         |           |
| 463900.66  | 3758878.89 | 0.11516 | 463950.66 |
| 3758878.89 | 0.11631    |         |           |
| 464000.66  | 3758878.89 | 0.11750 | 464050.66 |
| 3758878.89 | 0.11872    |         |           |
| 464100.66  | 3758878.89 | 0.12030 | 464150.66 |
| 3758878.89 | 0.12176    |         |           |
| 464200.66  | 3758878.89 | 0.12324 | 464250.66 |
| 3758878.89 | 0.12444    |         |           |
| 464300.66  | 3758878.89 | 0.12527 | 464350.66 |
| 3758878.89 | 0.12571    |         |           |
| 464400.66  | 3758878.89 | 0.12560 | 464450.66 |
| 3758878.89 | 0.12526    |         |           |
| 464500.66  | 3758878.89 | 0.12458 | 464550.66 |
| 3758878.89 | 0.12359    |         |           |
| 464600.66  | 3758878.89 | 0.12240 | 464650.66 |
| 3758878.89 | 0.12132    |         |           |
| 464700.66  | 3758878.89 | 0.12061 | 464750.66 |
| 3758878.89 | 0.12183    |         |           |
| 463750.66  | 3758918.89 | 0.11606 | 463800.66 |
| 3758918.89 | 0.11851    |         |           |
| 463850.66  | 3758918.89 | 0.12078 | 463900.66 |
| 3758918.89 | 0.12261    |         |           |
| 463950.66  | 3758918.89 | 0.12413 | 464000.66 |
| 3758918.89 | 0.12557    |         |           |
| 464050.66  | 3758918.89 | 0.12705 | 464100.66 |
| 3758918.89 | 0.12877    |         |           |
| 464150.66  | 3758918.89 | 0.13052 | 464200.66 |
| 3758918.89 | 0.13230    |         |           |
| 464250.66  | 3758918.89 | 0.13386 | 464300.66 |
| 3758918.89 | 0.13502    |         |           |
| 464350.66  | 3758918.89 | 0.13564 | 464400.66 |
| 3758918.89 | 0.13584    |         |           |
| 464450.66  | 3758918.89 | 0.13556 | 464500.66 |
| 3758918.89 | 0.13491    |         |           |
| 464550.66  | 3758918.89 | 0.13395 | 464600.66 |
| 3758918.89 | 0.13285    |         |           |
| 464650.66  | 3758918.89 | 0.13193 | 464700.66 |
| 3758918.89 | 0.13127    |         |           |
| 464750.66  | 3758918.89 | 0.13176 | 463750.66 |
| 3758958.89 | 0.12169    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463800.66  | 3758958.89 | 0.12517 | 463850.66 |
| 3758958.89 | 0.12824    |         |           |
| 463900.66  | 3758958.89 | 0.13074 | 463950.66 |
| 3758958.89 | 0.13271    |         |           |
| 464000.66  | 3758958.89 | 0.13463 | 464050.66 |
| 3758958.89 | 0.13638    |         |           |
| 464100.66  | 3758958.89 | 0.13817 | 464150.66 |
| 3758958.89 | 0.14034    |         |           |
| 464200.66  | 3758958.89 | 0.14242 | 464250.66 |
| 3758958.89 | 0.14435    |         |           |
| 464300.66  | 3758958.89 | 0.14589 | 464350.66 |
| 3758958.89 | 0.14687    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464400.66   | 3758958.89  | 0.14733 | 464450.66   |
| 3758958.89  | 0.14698     |         |             |
| 464500.66   | 3758958.89  | 0.14635 | 464550.66   |
| 3758958.89  | 0.14551     |         |             |
| 464600.66   | 3758958.89  | 0.14450 | 464650.66   |
| 3758958.89  | 0.14391     |         |             |
| 464700.66   | 3758958.89  | 0.14300 | 464750.66   |
| 3758958.89  | 0.14407     |         |             |
| 463750.66   | 3758998.89  | 0.12746 | 463800.66   |
| 3758998.89  | 0.13195     |         |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 463850.66  | 3758998.89 | 0.13580 | 463900.66 |
| 3758998.89 | 0.13929    |         |           |
| 463950.66  | 3758998.89 | 0.14218 | 464000.66 |
| 3758998.89 | 0.14458    |         |           |
| 464050.66  | 3758998.89 | 0.14677 | 464100.66 |
| 3758998.89 | 0.14899    |         |           |
| 464150.66  | 3758998.89 | 0.15135 | 464200.66 |
| 3758998.89 | 0.15391    |         |           |
| 464250.66  | 3758998.89 | 0.15625 | 464300.66 |
| 3758998.89 | 0.15827    |         |           |
| 464350.66  | 3758998.89 | 0.15963 | 464400.66 |
| 3758998.89 | 0.16015    |         |           |
| 464450.66  | 3758998.89 | 0.16000 | 464500.66 |
| 3758998.89 | 0.15943    |         |           |
| 464550.66  | 3758998.89 | 0.15856 | 464600.66 |
| 3758998.89 | 0.15740    |         |           |
| 464650.66  | 3758998.89 | 0.15637 | 464700.66 |
| 3758998.89 | 0.15642    |         |           |
| 464750.66  | 3758998.89 | 0.15810 | 463750.66 |
| 3759038.89 | 0.13295    |         |           |
| 463800.66  | 3759038.89 | 0.13852 | 463850.66 |
| 3759038.89 | 0.14374    |         |           |
| 463900.66  | 3759038.89 | 0.14846 | 463950.66 |
| 3759038.89 | 0.15227    |         |           |
| 464000.66  | 3759038.89 | 0.15557 | 464050.66 |
| 3759038.89 | 0.15840    |         |           |
| 464100.66  | 3759038.89 | 0.16108 | 464150.66 |
| 3759038.89 | 0.16381    |         |           |
| 464200.66  | 3759038.89 | 0.16684 | 464250.66 |
| 3759038.89 | 0.16980    |         |           |
| 464300.66  | 3759038.89 | 0.17219 | 464350.66 |
| 3759038.89 | 0.17387    |         |           |
| 464400.66  | 3759038.89 | 0.17466 | 464450.66 |
| 3759038.89 | 0.17506    |         |           |
| 464500.66  | 3759038.89 | 0.17422 | 464550.66 |
| 3759038.89 | 0.17307    |         |           |
| 464600.66  | 3759038.89 | 0.17185 | 464650.66 |
| 3759038.89 | 0.17143    |         |           |
| 464700.66  | 3759038.89 | 0.17425 | 463750.66 |
| 3759078.89 | 0.13776    |         |           |
| 463800.66  | 3759078.89 | 0.14508 | 463850.66 |
| 3759078.89 | 0.15172    |         |           |
| 463900.66  | 3759078.89 | 0.15775 | 463950.66 |
| 3759078.89 | 0.16316    |         |           |
| 464000.66  | 3759078.89 | 0.16775 | 464050.66 |
| 3759078.89 | 0.17156    |         |           |
| 464100.66  | 3759078.89 | 0.17492 | 464150.66 |
| 3759078.89 | 0.17821    |         |           |
| 464200.66  | 3759078.89 | 0.18180 | 464250.66 |
| 3759078.89 | 0.18519    |         |           |
| 464300.66  | 3759078.89 | 0.18816 | 464350.66 |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759078.89 | 0.19011    |         |           |
| 464400.66  | 3759078.89 | 0.19164 | 464450.66 |
| 3759078.89 | 0.19195    |         |           |
| 464500.66  | 3759078.89 | 0.19096 | 464550.66 |
| 3759078.89 | 0.18935    |         |           |
| 464600.66  | 3759078.89 | 0.18842 | 464650.66 |
| 3759078.89 | 0.18975    |         |           |
| 463750.66  | 3759118.89 | 0.14249 | 463800.66 |
| 3759118.89 | 0.15100    |         |           |
| 463850.66  | 3759118.89 | 0.15944 | 463900.66 |
| 3759118.89 | 0.16733    |         |           |
| 463950.66  | 3759118.89 | 0.17463 | 464000.66 |
| 3759118.89 | 0.18095    |         |           |
| 464050.66  | 3759118.89 | 0.18622 | 464100.66 |
| 3759118.89 | 0.19049    |         |           |
| 464150.66  | 3759118.89 | 0.19461 | 464200.66 |
| 3759118.89 | 0.19884    |         |           |
| 464250.66  | 3759118.89 | 0.20293 | 464300.66 |
| 3759118.89 | 0.20660    |         |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464350.66   | 3759118.89  | 0.20932 | 464400.66   |
| 3759118.89  | 0.21147     |         |             |
| 464450.66   | 3759118.89  | 0.21189 | 464500.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759118.89 | 0.21138    |         |           |
| 464550.66  | 3759118.89 | 0.20974 | 464600.66 |
| 3759118.89 | 0.21088    |         |           |
| 463750.66  | 3759158.89 | 0.14652 | 463800.66 |
| 3759158.89 | 0.15647    |         |           |
| 463850.66  | 3759158.89 | 0.16692 | 463900.66 |
| 3759158.89 | 0.17690    |         |           |
| 463950.66  | 3759158.89 | 0.18618 | 464000.66 |
| 3759158.89 | 0.19474    |         |           |
| 464050.66  | 3759158.89 | 0.20212 | 464100.66 |
| 3759158.89 | 0.20827    |         |           |
| 464150.66  | 3759158.89 | 0.21363 | 464200.66 |
| 3759158.89 | 0.21860    |         |           |
| 464250.66  | 3759158.89 | 0.22391 | 464300.66 |
| 3759158.89 | 0.22843    |         |           |
| 464350.66  | 3759158.89 | 0.23225 | 464400.66 |
| 3759158.89 | 0.23505    |         |           |
| 464450.66  | 3759158.89 | 0.23549 | 464500.66 |
| 3759158.89 | 0.23477    |         |           |
| 463750.66  | 3759198.89 | 0.14981 | 463800.66 |
| 3759198.89 | 0.16144    |         |           |
| 463850.66  | 3759198.89 | 0.17377 | 463900.66 |
| 3759198.89 | 0.18593    |         |           |
| 463950.66  | 3759198.89 | 0.19786 | 464000.66 |
| 3759198.89 | 0.20932    |         |           |
| 464050.66  | 3759198.89 | 0.21953 | 464100.66 |
| 3759198.89 | 0.22818    |         |           |
| 464150.66  | 3759198.89 | 0.23547 | 464200.66 |
| 3759198.89 | 0.24214    |         |           |
| 464250.66  | 3759198.89 | 0.24846 | 464300.66 |
| 3759198.89 | 0.25423    |         |           |
| 464350.66  | 3759198.89 | 0.25924 | 464400.66 |
| 3759198.89 | 0.26281    |         |           |
| 464450.66  | 3759198.89 | 0.26316 | 464500.66 |
| 3759198.89 | 0.26136    |         |           |
| 463750.66  | 3759238.89 | 0.15244 | 463800.66 |
| 3759238.89 | 0.16542    |         |           |
| 463850.66  | 3759238.89 | 0.17946 | 463900.66 |
| 3759238.89 | 0.19408    |         |           |
| 463950.66  | 3759238.89 | 0.20904 | 464000.66 |
| 3759238.89 | 0.22400    |         |           |
| 464050.66  | 3759238.89 | 0.23786 | 464100.66 |
| 3759238.89 | 0.25009    |         |           |
| 464150.66  | 3759238.89 | 0.26044 | 464200.66 |
| 3759238.89 | 0.26955    |         |           |
| 464250.66  | 3759238.89 | 0.27765 | 464300.66 |
| 3759238.89 | 0.28494    |         |           |
| 464350.66  | 3759238.89 | 0.29147 | 464400.66 |
| 3759238.89 | 0.29574    |         |           |
| 464450.66  | 3759238.89 | 0.29709 | 464500.66 |
| 3759238.89 | 0.29675    |         |           |

|            |            |         |           |
|------------|------------|---------|-----------|
| 464550.66  | 3759238.89 | 0.29899 | 463750.66 |
| 3759278.89 | 0.15408    |         |           |
| 463800.66  | 3759278.89 | 0.16821 | 463850.66 |
| 3759278.89 | 0.18409    |         |           |
| 463900.66  | 3759278.89 | 0.20109 | 463950.66 |
| 3759278.89 | 0.21909    |         |           |
| 464000.66  | 3759278.89 | 0.23838 | 464050.66 |
| 3759278.89 | 0.25643    |         |           |
| 464100.66  | 3759278.89 | 0.27354 | 464150.66 |
| 3759278.89 | 0.28856    |         |           |
| 464200.66  | 3759278.89 | 0.30122 | 464250.66 |
| 3759278.89 | 0.31259    |         |           |
| 464300.66  | 3759278.89 | 0.32228 | 464350.66 |
| 3759278.89 | 0.33075    |         |           |
| 464400.66  | 3759278.89 | 0.33788 | 464450.66 |
| 3759278.89 | 0.34813    |         |           |
| 464500.66  | 3759278.89 | 0.36192 | 463750.66 |
| 3759318.89 | 0.15469    |         |           |
| 463800.66  | 3759318.89 | 0.16983 | 463850.66 |
| 3759318.89 | 0.18690    |         |           |
| 463900.66  | 3759318.89 | 0.20641 | 463950.66 |
| 3759318.89 | 0.22768    |         |           |
| 464000.66  | 3759318.89 | 0.25109 | 464050.66 |
| 3759318.89 | 0.27432    |         |           |
| 464100.66  | 3759318.89 | 0.29732 | 464150.66 |
| 3759318.89 | 0.31901    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464200.66                  | 3759318.89          | 0.33802 | 464250.66   |
| 3759318.89                 | 0.35416             |         |             |
| 464300.66                  | 3759318.89          | 0.36741 | 464350.66   |
| 3759318.89                 | 0.37930             |         |             |
| 464400.66                  | 3759318.89          | 0.39037 | 464450.66   |
| 3759318.89                 | 0.42651             |         |             |
| 463750.66                  | 3759358.89          | 0.13600 | 463800.66   |
| 3759358.89                 | 0.14963             |         |             |
| 463850.66                  | 3759358.89          | 0.18204 | 463900.66   |
| 3759358.89                 | 0.21033             |         |             |
| 463950.66                  | 3759358.89          | 0.23433 | 464000.66   |
| 3759358.89                 | 0.26130             |         |             |
| 464050.66                  | 3759358.89          | 0.29025 | 464100.66   |
| 3759358.89                 | 0.32086             |         |             |
| 464150.66                  | 3759358.89          | 0.35119 | 464200.66   |
| 3759358.89                 | 0.37927             |         |             |
| 464250.66                  | 3759358.89          | 0.40365 | 464300.66   |
| 3759358.89                 | 0.42341             |         |             |
| 464350.66                  | 3759358.89          | 0.44180 | 464400.66   |
| 3759358.89                 | 0.46585             |         |             |
| 463750.66                  | 3759398.89          | 0.13484 | 463800.66   |
| 3759398.89                 | 0.14932             |         |             |
| 463850.66                  | 3759398.89          | 0.16694 | 463900.66   |
| 3759398.89                 | 0.20941             |         |             |
| 463950.66                  | 3759398.89          | 0.23847 | 464000.66   |
| 3759398.89                 | 0.26929             |         |             |
| 464050.66                  | 3759398.89          | 0.30382 | 464100.66   |
| 3759398.89                 | 0.34225             |         |             |
| 464150.66                  | 3759398.89          | 0.38293 | 464200.66   |
| 3759398.89                 | 0.42353             |         |             |
| 464250.66                  | 3759398.89          | 0.46098 | 464300.66   |
| 3759398.89                 | 0.49270             |         |             |
| 464350.66                  | 3759398.89          | 0.52450 | 464400.66   |
| 3759398.89                 | 0.57493             |         |             |
| 463750.66                  | 3759438.89          | 0.13275 | 463800.66   |
| 3759438.89                 | 0.14780             |         |             |
| 463850.66                  | 3759438.89          | 0.16548 | 463900.66   |
| 3759438.89                 | 0.18748             |         |             |
| 463950.66                  | 3759438.89          | 0.23925 | 464000.66   |
| 3759438.89                 | 0.27384             |         |             |
| 464050.66                  | 3759438.89          | 0.31366 | 464100.66   |
| 3759438.89                 | 0.35978             |         |             |
| 464150.66                  | 3759438.89          | 0.41181 | 464200.66   |
| 3759438.89                 | 0.46840             |         |             |
| 464250.66                  | 3759438.89          | 0.52521 | 464300.66   |
| 3759438.89                 | 0.57668             |         |             |
| 464350.66                  | 3759438.89          | 0.63890 | 463800.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759478.89 | 0.14542    |         |           |
| 463850.66  | 3759478.89 | 0.16355 | 463900.66 |
| 3759478.89 | 0.18562    |         |           |
| 463950.66  | 3759478.89 | 0.23411 | 464000.66 |
| 3759478.89 | 0.27520    |         |           |
| 464050.66  | 3759478.89 | 0.31904 | 464100.66 |
| 3759478.89 | 0.37207    |         |           |
| 464250.66  | 3759478.89 | 0.59216 | 464300.66 |
| 3759478.89 | 0.67894    |         |           |
| 464350.66  | 3759478.89 | 0.74316 | 463850.66 |
| 3759518.89 | 0.16030    |         |           |
| 463900.66  | 3759518.89 | 0.18247 | 463950.66 |
| 3759518.89 | 0.21259    |         |           |
| 464000.66  | 3759518.89 | 0.27292 | 464050.66 |
| 3759518.89 | 0.31947    |         |           |
| 464300.66  | 3759518.89 | 0.76061 | 464350.66 |
| 3759518.89 | 0.88505    |         |           |
| 463900.66  | 3759558.89 | 0.17786 | 463950.66 |
| 3759558.89 | 0.20548    |         |           |
| 464000.66  | 3759558.89 | 0.26459 | 464350.66 |
| 3759558.89 | 1.04390    |         |           |
| 464400.66  | 3759558.89 | 1.35390 | 463950.66 |
| 3759598.89 | 0.19983    |         |           |
| 464517.36  | 3759346.67 | 0.48505 | 464567.36 |
| 3759346.67 | 0.47905    |         |           |
| 464617.36  | 3759346.67 | 0.47236 | 464517.36 |
| 3759396.67 | 0.61237    |         |           |
| 464567.36  | 3759396.67 | 0.60070 | 464617.36 |
| 3759396.67 | 0.58653    |         |           |
| 464517.36  | 3759446.67 | 0.80797 | 464567.36 |
| 3759446.67 | 0.78632    |         |           |
| 464617.36  | 3759446.67 | 0.75560 | 464694.84 |

3759819.76 10.09472  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC      | X-COORD (M) |
|-------------|-------------|-------------|-----------|-------------|
| 464809.77   | 3759568.55  | 1.79211     | 464859.77 |             |
| 3759568.55  | 2.13751     |             |           |             |
| 464609.77   | 3759618.55  | 3.65848     | 464659.77 |             |
| 3759618.55  | 3.09400     |             |           |             |
| 464709.77   | 3759618.55  | 2.54604     | 464759.77 |             |
| 3759618.55  | 2.61076     |             |           |             |
| 464809.77   | 3759618.55  | 3.05059     | 464859.77 |             |
| 3759618.55  | 4.08777     |             |           |             |
| 464609.77   | 3759668.55  | 10.34890    | 464659.77 |             |
| 3759668.55  | 7.10840     |             |           |             |
| 464709.77   | 3759668.55  | 5.39409     | 464759.77 |             |
| 3759668.55  | 4.98670     |             |           |             |
| 464809.77   | 3759668.55  | 6.65231     | 464859.77 |             |
| 3759668.55  | 8.08793     |             |           |             |
| 464609.77   | 3759718.55  | 38.81496    | 464659.77 |             |
| 3759718.55  | 16.62190    |             |           |             |
| 464709.77   | 3759718.55  | 11.34601    | 464759.77 |             |
| 3759718.55  | 14.20045    |             |           |             |
| 464444.57   | 3759555.56  | 1.61429     | 464494.57 |             |
| 3759555.56  | 1.86764     |             |           |             |
| 464544.57   | 3759555.56  | 1.88924     | 464444.57 |             |
| 3759605.56  | 2.40663     |             |           |             |
| 464494.57   | 3759605.56  | 3.26280     | 464544.57 |             |
| 3759605.56  | 3.57174     |             |           |             |
| 464444.57   | 3759655.56  | 3.49855     | 464494.57 |             |
| 3759655.56  | 6.66980     |             |           |             |
| 464544.57   | 3759655.56  | 9.94557     | 463980.94 |             |
| 3759596.79  | 0.21967     |             |           |             |
| 464030.94   | 3759596.79  | 0.25857     | 464080.94 |             |
| 3759596.79  | 0.30971     |             |           |             |
| 464130.94   | 3759596.79  | 0.37954     | 464180.94 |             |
| 3759596.79  | 0.47013     |             |           |             |
| 464230.94   | 3759596.79  | 0.60338     | 464280.94 |             |
| 3759596.79  | 0.79066     |             |           |             |
| 464330.94   | 3759596.79  | 1.06233     | 464380.94 |             |
| 3759596.79  | 1.46748     |             |           |             |
| 463980.94   | 3759646.79  | 0.20650     | 464030.94 |             |
| 3759646.79  | 0.24427     |             |           |             |
| 464080.94   | 3759646.79  | 0.29445     | 464130.94 |             |
| 3759646.79  | 0.36273     |             |           |             |

|            |            |          |           |
|------------|------------|----------|-----------|
| 464180.94  | 3759646.79 | 0.45863  | 464230.94 |
| 3759646.79 | 0.59825    |          |           |
| 464280.94  | 3759646.79 | 0.81027  | 464330.94 |
| 3759646.79 | 1.15230    |          |           |
| 464380.94  | 3759646.79 | 1.73853  | 463980.94 |
| 3759696.79 | 0.19248    |          |           |
| 464030.94  | 3759696.79 | 0.22725  | 464080.94 |
| 3759696.79 | 0.27352    |          |           |
| 464130.94  | 3759696.79 | 0.33735  | 464180.94 |
| 3759696.79 | 0.42764    |          |           |
| 464230.94  | 3759696.79 | 0.56127  | 464280.94 |
| 3759696.79 | 0.77109    |          |           |
| 464330.94  | 3759696.79 | 1.12690  | 464380.94 |
| 3759696.79 | 1.79722    |          |           |
| 464450.80  | 3759744.24 | 4.07046  | 464030.94 |
| 3759746.79 | 0.20855    |          |           |
| 464080.94  | 3759746.79 | 0.24992  | 464130.94 |
| 3759746.79 | 0.30633    |          |           |
| 464180.94  | 3759746.79 | 0.38556  | 464230.94 |
| 3759746.79 | 0.50237    |          |           |
| 464280.94  | 3759746.79 | 0.68513  | 464330.94 |
| 3759746.79 | 0.99481    |          |           |
| 464380.94  | 3759746.79 | 1.58289  | 463980.94 |
| 3759796.79 | 0.16302    |          |           |
| 464030.94  | 3759796.79 | 0.19037  | 464080.94 |
| 3759796.79 | 0.22638    |          |           |
| 464130.94  | 3759796.79 | 0.27467  | 464180.94 |
| 3759796.79 | 0.34154    |          |           |
| 464230.94  | 3759796.79 | 0.43885  | 464280.94 |
| 3759796.79 | 0.58726    |          |           |
| 464330.94  | 3759796.79 | 0.82255  | 464380.94 |
| 3759796.79 | 1.20668    |          |           |
| 464788.18  | 3759737.20 | 14.39177 | 464838.18 |
| 3759737.20 | 7.16535    |          |           |
| 464888.18  | 3759737.20 | 4.50859  | 464938.18 |
| 3759737.20 | 3.14515    |          |           |
| 464988.18  | 3759737.20 | 2.33258  | 465038.18 |
| 3759737.20 | 1.81729    |          |           |
| 465088.18  | 3759737.20 | 1.46320  | 465138.18 |
| 3759737.20 | 1.20536    |          |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\*

14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0000001 , L0000002

```

, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 465188.18   | 3759737.20  | 1.01325 | 465238.18   |
| 3759737.20  | 0.86417     |         |             |
| 465288.18   | 3759737.20  | 0.74601 | 465338.18   |
| 3759737.20  | 0.65067     |         |             |
| 465388.18   | 3759737.20  | 0.57022 | 464788.18   |
| 3759787.20  | 6.17366     |         |             |
| 464838.18   | 3759787.20  | 4.03059 | 464888.18   |
| 3759787.20  | 2.85182     |         |             |
| 464938.18   | 3759787.20  | 2.13187 | 464988.18   |
| 3759787.20  | 1.65435     |         |             |
| 465038.18   | 3759787.20  | 1.33582 | 465088.18   |
| 3759787.20  | 1.10757     |         |             |
| 465138.18   | 3759787.20  | 0.93556 | 465188.18   |
| 3759787.20  | 0.80184     |         |             |
| 465238.18   | 3759787.20  | 0.69298 | 465288.18   |
| 3759787.20  | 0.60739     |         |             |
| 465338.18   | 3759787.20  | 0.53609 | 465388.18   |
| 3759787.20  | 0.47426     |         |             |
| 464788.18   | 3759837.20  | 3.28187 | 464838.18   |
| 3759837.20  | 2.43391     |         |             |
| 464888.18   | 3759837.20  | 1.85447 | 464938.18   |
| 3759837.20  | 1.43531     |         |             |
| 464988.18   | 3759837.20  | 1.17697 | 465038.18   |
| 3759837.20  | 0.98277     |         |             |
| 465088.18   | 3759837.20  | 0.83980 | 465138.18   |
| 3759837.20  | 0.72523     |         |             |
| 465188.18   | 3759837.20  | 0.63335 | 465238.18   |
| 3759837.20  | 0.55617     |         |             |
| 465288.18   | 3759837.20  | 0.49403 | 465338.18   |
| 3759837.20  | 0.44109     |         |             |
| 465388.18   | 3759837.20  | 0.39555 | 464788.18   |
| 3759887.20  | 1.74238     |         |             |
| 464838.18   | 3759887.20  | 1.42953 | 464888.18   |

|                              |            |          |                                      |
|------------------------------|------------|----------|--------------------------------------|
| 3759887.20                   | 1.14994    |          |                                      |
| 464938.18                    | 3759887.20 | 0.96349  | 464988.18                            |
| 3759887.20                   | 0.82742    |          |                                      |
| 465038.18                    | 3759887.20 | 0.71882  | 465088.18                            |
| 3759887.20                   | 0.63180    |          |                                      |
| 465138.18                    | 3759887.20 | 0.55936  | 465188.18                            |
| 3759887.20                   | 0.49796    |          |                                      |
| 465238.18                    | 3759887.20 | 0.44597  | 465288.18                            |
| 3759887.20                   | 0.40082    |          |                                      |
| 465338.18                    | 3759887.20 | 0.36424  | 465388.18                            |
| 3759887.20                   | 0.32906    |          |                                      |
| 464788.18                    | 3759937.20 | 1.00615  | 464838.18                            |
| 3759937.20                   | 0.86614    |          |                                      |
| 464888.18                    | 3759937.20 | 0.74607  | 464938.18                            |
| 3759937.20                   | 0.65931    |          |                                      |
| 464988.18                    | 3759937.20 | 0.58961  | 465038.18                            |
| 3759937.20                   | 0.52972    |          |                                      |
| 465088.18                    | 3759937.20 | 0.47717  | 465138.18                            |
| 3759937.20                   | 0.43244    |          |                                      |
| 465188.18                    | 3759937.20 | 0.39237  | 465238.18                            |
| 3759937.20                   | 0.35712    |          |                                      |
| 465288.18                    | 3759937.20 | 0.32574  | 465338.18                            |
| 3759937.20                   | 0.29897    |          |                                      |
| 465388.18                    | 3759937.20 | 0.27421  | 464959.25                            |
| 3759453.01                   | 1.12646    |          |                                      |
| 465009.25                    | 3759453.01 | 1.36714  | 465059.25                            |
| 3759453.01                   | 1.73890    |          |                                      |
| 465109.25                    | 3759453.01 | 2.37914  | 465159.25                            |
| 3759453.01                   | 3.67013    |          |                                      |
| 465209.25                    | 3759453.01 | 7.11287  | 465259.25                            |
| 3759453.01                   | 8.49349    |          |                                      |
| 465309.25                    | 3759453.01 | 9.12147  | 465359.25                            |
| 3759453.01                   | 4.61286    |          |                                      |
| 465409.25                    | 3759453.01 | 2.87094  | 465459.25                            |
| 3759453.01                   | 1.97776    |          |                                      |
| 465509.25                    | 3759453.01 | 1.43153  | 464959.25                            |
| 3759503.01                   | 1.72723    |          |                                      |
| 465009.25                    | 3759503.01 | 2.27661  | 465059.25                            |
| 3759503.01                   | 3.35820    |          |                                      |
| 465109.25                    | 3759503.01 | 6.04014  | 465159.25                            |
| 3759503.01                   | 7.27230    |          |                                      |
| 465209.25                    | 3759503.01 | 11.21821 | 465259.25                            |
| 3759503.01                   | 5.32381    |          |                                      |
| 465309.25                    | 3759503.01 | 3.24977  | 465359.25                            |
| 3759503.01                   | 2.25584    |          |                                      |
| 465409.25                    | 3759503.01 | 1.67656  | 465459.25                            |
| 3759503.01                   | 1.29437    |          |                                      |
| ▲ *** AERMOD - VERSION 21112 | ***        | ***      | Riverside Community Hospital Parking |
| Structure                    | ***        |          | 11/22/24                             |
| *** AERMET - VERSION 16216   | ***        | ***      |                                      |
| ***                          |            |          | 14:15:48                             |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|----------|-------------|
| Y-COORD (M) | CONC        |          |             |
| 465509.25   | 3759503.01  | 1.01880  | 464959.25   |
| 3759553.01  | 3.18960     |          |             |
| 465009.25   | 3759553.01  | 5.24871  | 465059.25   |
| 3759553.01  | 9.05165     |          |             |
| 465109.25   | 3759553.01  | 10.24611 | 465159.25   |
| 3759553.01  | 6.19660     |          |             |
| 465209.25   | 3759553.01  | 3.66497  | 465259.25   |
| 3759553.01  | 2.51192     |          |             |
| 465309.25   | 3759553.01  | 1.86870  | 465359.25   |
| 3759553.01  | 1.45919     |          |             |
| 465409.25   | 3759553.01  | 1.16699  | 465459.25   |
| 3759553.01  | 0.95476     |          |             |
| 465509.25   | 3759553.01  | 0.78920  | 464959.25   |
| 3759603.01  | 10.07602    |          |             |
| 465009.25   | 3759603.01  | 8.10597  | 465059.25   |
| 3759603.01  | 7.32584     |          |             |
| 465109.25   | 3759603.01  | 4.16190  | 465159.25   |
| 3759603.01  | 2.80876     |          |             |
| 465209.25   | 3759603.01  | 2.07306  | 465259.25   |
| 3759603.01  | 1.61461     |          |             |
| 465309.25   | 3759603.01  | 1.30291  | 465359.25   |
| 3759603.01  | 1.07580     |          |             |
| 465409.25   | 3759603.01  | 0.89748  | 465459.25   |
| 3759603.01  | 0.76085     |          |             |
| 465509.25   | 3759603.01  | 0.64978  | 464959.25   |
| 3759653.01  | 8.93231     |          |             |

|            |            |         |           |
|------------|------------|---------|-----------|
| 465009.25  | 3759653.01 | 4.75395 | 465059.25 |
| 3759653.01 | 3.19941    |         |           |
| 465109.25  | 3759653.01 | 2.33469 | 465159.25 |
| 3759653.01 | 1.80531    |         |           |
| 465209.25  | 3759653.01 | 1.44726 | 465259.25 |
| 3759653.01 | 1.19195    |         |           |
| 465309.25  | 3759653.01 | 1.00070 | 465359.25 |
| 3759653.01 | 0.85009    |         |           |
| 465409.25  | 3759653.01 | 0.73167 | 465459.25 |
| 3759653.01 | 0.63404    |         |           |
| 465509.25  | 3759653.01 | 0.55202 | 464959.25 |
| 3759703.01 | 3.79782    |         |           |
| 465009.25  | 3759703.01 | 2.71395 | 465059.25 |
| 3759703.01 | 2.06466    |         |           |
| 465109.25  | 3759703.01 | 1.63496 | 465159.25 |
| 3759703.01 | 1.33278    |         |           |
| 465209.25  | 3759703.01 | 1.10934 | 465259.25 |
| 3759703.01 | 0.93972    |         |           |
| 465309.25  | 3759703.01 | 0.80637 | 465359.25 |
| 3759703.01 | 0.69828    |         |           |
| 465409.25  | 3759703.01 | 0.60915 | 465459.25 |
| 3759703.01 | 0.53452    |         |           |
| 465509.25  | 3759703.01 | 0.47104 | 465160.97 |
| 3759198.29 | 0.43143    |         |           |
| 465210.97  | 3759198.29 | 0.46808 | 465260.97 |
| 3759198.29 | 0.50909    |         |           |
| 465310.97  | 3759198.29 | 0.55323 | 465360.97 |
| 3759198.29 | 0.59400    |         |           |
| 465160.97  | 3759248.29 | 0.56401 | 465210.97 |
| 3759248.29 | 0.63338    |         |           |
| 465260.97  | 3759248.29 | 0.71960 | 465310.97 |
| 3759248.29 | 0.83025    |         |           |
| 465360.97  | 3759248.29 | 0.97003 | 465160.97 |
| 3759298.29 | 0.76112    |         |           |
| 465210.97  | 3759298.29 | 0.89269 | 465260.97 |
| 3759298.29 | 1.07230    |         |           |
| 465310.97  | 3759298.29 | 1.33863 | 465360.97 |
| 3759298.29 | 1.76601    |         |           |
| 465160.97  | 3759348.29 | 1.08691 | 465210.97 |
| 3759348.29 | 1.35238    |         |           |
| 465260.97  | 3759348.29 | 1.77090 | 465310.97 |
| 3759348.29 | 2.53064    |         |           |
| 465360.97  | 3759348.29 | 4.18530 | 465160.97 |
| 3759398.29 | 1.72081    |         |           |
| 465210.97  | 3759398.29 | 2.39493 | 465260.97 |
| 3759398.29 | 3.78591    |         |           |
| 465310.97  | 3759398.29 | 7.58267 | 465360.97 |
| 3759398.29 | 7.84521    |         |           |
| 464719.89  | 3759036.22 | 0.17499 | 464769.89 |
| 3759036.22 | 0.17831    |         |           |
| 464819.89  | 3759036.22 | 0.18038 | 464869.89 |

3759036.22 0.18232  
464919.89 3759036.22 0.18750 464969.89

3759036.22 0.19498

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 464719.89   | 3759086.22  | 0.21491 | 464769.89   |
| 3759086.22  | 0.21815     |         |             |
| 464819.89   | 3759086.22  | 0.21329 | 464869.89   |
| 3759086.22  | 0.21536     |         |             |
| 464919.89   | 3759086.22  | 0.22375 | 464969.89   |
| 3759086.22  | 0.23305     |         |             |
| 464719.89   | 3759136.22  | 0.24484 | 464769.89   |
| 3759136.22  | 0.24916     |         |             |
| 464819.89   | 3759136.22  | 0.25474 | 464869.89   |
| 3759136.22  | 0.26168     |         |             |
| 464919.89   | 3759136.22  | 0.26979 | 464969.89   |
| 3759136.22  | 0.27918     |         |             |
| 464719.89   | 3759186.22  | 0.28077 | 464769.89   |
| 3759186.22  | 0.28661     |         |             |
| 464819.89   | 3759186.22  | 0.29431 | 464869.89   |
| 3759186.22  | 0.30406     |         |             |
| 464919.89   | 3759186.22  | 0.31593 | 464969.89   |
| 3759186.22  | 0.33056     |         |             |
| 464719.89   | 3759236.22  | 0.32522 | 464769.89   |

3759236.22 0.33298  
464819.89 3759236.22 0.34346 464869.89  
3759236.22 0.35729  
464919.89 3759236.22 0.37309

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 463865.09   | 3759834.01  | 20.94708   | (15012908) | 463915.09   |
| 3759834.01  | 22.92462    | (15012908) |            |             |
| 463965.09   | 3759834.01  | 25.21999   | (15012908) | 464015.09   |
| 3759834.01  | 27.77286    | (15012908) |            |             |
| 464065.09   | 3759834.01  | 31.10654   | (15012908) | 464115.09   |
| 3759834.01  | 34.94749    | (15012908) |            |             |
| 464165.09   | 3759834.01  | 39.37069   | (15012908) | 464215.09   |
| 3759834.01  | 44.78732    | (16012608) |            |             |
| 464265.09   | 3759834.01  | 56.26952   | (16012608) | 464315.09   |
| 3759834.01  | 70.74770    | (16012608) |            |             |
| 464365.09   | 3759834.01  | 124.87334  | (15012208) | 464415.09   |
| 3759834.01  | 154.24746   | (15012208) |            |             |
| 464465.09   | 3759834.01  | 160.10911  | (16021808) | 464515.09   |
| 3759834.01  | 202.44089   | (14021808) |            |             |
| 463865.09   | 3759884.01  | 27.06969   | (12112808) | 463915.09   |
| 3759884.01  | 22.29984    | (15012908) |            |             |
| 463965.09   | 3759884.01  | 24.03475   | (16012608) | 464015.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759884.01 | 23.97041   | (16012608) |            |           |
| 464065.09  | 3759884.01 | 28.09723   | (16012608) | 464115.09 |
| 3759884.01 | 33.07162   | (16012608) |            |           |
| 464165.09  | 3759884.01 | 38.96800   | (16012608) | 464215.09 |
| 3759884.01 | 45.87222   | (16012608) |            |           |
| 464265.09  | 3759884.01 | 53.24086   | (16012608) | 464315.09 |
| 3759884.01 | 94.30635   | (15012208) |            |           |
| 464365.09  | 3759884.01 | 116.61256  | (12121408) | 464415.09 |
| 3759884.01 | 136.57138  | (16120608) |            |           |
| 464465.09  | 3759884.01 | 157.03081  | (12120608) | 464515.09 |
| 3759884.01 | 169.23312  | (16010408) |            |           |
| 464565.09  | 3759884.01 | 186.83240  | (14022508) | 463865.09 |
| 3759934.01 | 34.83182   | (12112808) |            |           |
| 463915.09  | 3759934.01 | 37.14808   | (12112808) | 463965.09 |
| 3759934.01 | 40.47800   | (12112808) |            |           |
| 464115.09  | 3759934.01 | 44.11834   | (16012608) | 464165.09 |
| 3759934.01 | 36.40700   | (16012608) |            |           |
| 464215.09  | 3759934.01 | 40.24884   | (16012608) | 464265.09 |
| 3759934.01 | 71.61984   | (12121408) |            |           |
| 464315.09  | 3759934.01 | 91.63007   | (12121408) | 464365.09 |
| 3759934.01 | 104.06442  | (13020708) |            |           |
| 464415.09  | 3759934.01 | 122.20710  | (12021308) | 464465.09 |
| 3759934.01 | 136.60237  | (15013008) |            |           |
| 464515.09  | 3759934.01 | 149.33201  | (16010408) | 464565.09 |
| 3759934.01 | 137.31244  | (15022008) |            |           |
| 464665.09  | 3759934.01 | 163.13156  | (15122908) | 463865.09 |
| 3759984.01 | 36.17693   | (12112808) |            |           |
| 464115.09  | 3759984.01 | 52.28965   | (14010808) | 464165.09 |
| 3759984.01 | 49.90994   | (15012208) |            |           |
| 464215.09  | 3759984.01 | 56.77422   | (15121608) | 464265.09 |
| 3759984.01 | 70.29691   | (12121408) |            |           |
| 464315.09  | 3759984.01 | 82.34554   | (13020708) | 464365.09 |
| 3759984.01 | 95.32720   | (12021308) |            |           |
| 464415.09  | 3759984.01 | 106.85660  | (15013008) | 464465.09 |
| 3759984.01 | 113.96130  | (16020108) |            |           |
| 464515.09  | 3759984.01 | 120.01310  | (16010408) | 464565.09 |
| 3759984.01 | 114.41106  | (15022008) |            |           |
| 464615.09  | 3759984.01 | 129.03821  | (14022508) | 464665.09 |
| 3759984.01 | 138.44713  | (15122908) |            |           |
| 464765.09  | 3759984.01 | 111.45195  | (16010708) | 464865.09 |
| 3759984.01 | 92.10031   | (16123008) |            |           |
| 464915.09  | 3759984.01 | 74.69123   | (16123008) | 464165.09 |
| 3760034.01 | 55.94623   | (12121408) |            |           |
| 464215.09  | 3760034.01 | 56.57456   | (15121608) | 464265.09 |
| 3760034.01 | 61.72846   | (13020708) |            |           |
| 464315.09  | 3760034.01 | 75.72488   | (12021308) | 464365.09 |
| 3760034.01 | 83.79764   | (15013008) |            |           |
| 464415.09  | 3760034.01 | 91.35013   | (16020108) | 464465.09 |
| 3760034.01 | 96.28950   | (16010408) |            |           |
| 464515.09  | 3760034.01 | 93.96449   | (16010408) | 464565.09 |
| 3760034.01 | 92.28145   | (14022508) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464615.09  | 3760034.01 | 106.11367  | (14022508) | 464665.09 |
| 3760034.01 | 113.02904  | (15122908) |            |           |
| 464715.09  | 3760034.01 | 91.32059   | (15122908) | 464815.09 |
| 3760034.01 | 86.32220   | (14021908) |            |           |
| 464865.09  | 3760034.01 | 84.90610   | (16011808) | 464915.09 |
| 3760034.01 | 75.76527   | (16123008) |            |           |
| 465065.09  | 3760034.01 | 51.22428   | (14020708) | 464165.09 |
| 3760084.01 | 54.51125   | (16120608) |            |           |
| 464215.09  | 3760084.01 | 57.00006   | (13020708) | 464265.09 |
| 3760084.01 | 58.59137   | (15121408) |            |           |
| 464315.09  | 3760084.01 | 66.50367   | (12120608) | 464365.09 |
| 3760084.01 | 73.93159   | (15013008) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464415.09   | 3760084.01  | 77.88471   | (16020108) | 464465.09   |
| 3760084.01  | 83.81034    | (16010408) |            |             |
| 464515.09   | 3760084.01  | 72.75718   | (16010408) | 464565.09   |
| 3760084.01  | 78.58088    | (14022508) |            |             |
| 464615.09   | 3760084.01  | 89.19874   | (14022508) | 464665.09   |
| 3760084.01  | 92.33693    | (15122908) |            |             |
| 464715.09   | 3760084.01  | 85.92326   | (15122908) | 464865.09   |
| 3760084.01  | 69.50731    | (16011508) |            |             |
| 464915.09   | 3760084.01  | 70.21583   | (16011808) | 464965.09   |
| 3760084.01  | 62.95970    | (16123008) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
|            | 465015.09 | 3760084.01 | 55.54104 | (16123008) | 464115.09 |
| 3760134.01 | 49.86207  | (16120608) |          |            |           |
|            | 464165.09 | 3760134.01 | 53.61095 | (13020708) | 464215.09 |
| 3760134.01 | 56.22984  | (12021308) |          |            |           |
|            | 464265.09 | 3760134.01 | 58.06680 | (12120608) | 464315.09 |
| 3760134.01 | 59.64363  | (16121608) |          |            |           |
|            | 464365.09 | 3760134.01 | 64.36546 | (16020108) | 464415.09 |
| 3760134.01 | 68.07420  | (16010408) |          |            |           |
|            | 464465.09 | 3760134.01 | 70.81980 | (16010408) | 464515.09 |
| 3760134.01 | 62.46547  | (15022008) |          |            |           |
|            | 464565.09 | 3760134.01 | 67.80157 | (14022508) | 464615.09 |
| 3760134.01 | 76.30844  | (14022508) |          |            |           |
|            | 464665.09 | 3760134.01 | 75.82835 | (15122908) | 464715.09 |
| 3760134.01 | 77.74349  | (15122908) |          |            |           |
|            | 464765.09 | 3760134.01 | 58.49340 | (15122908) | 464815.09 |
| 3760134.01 | 69.22767  | (14021908) |          |            |           |
|            | 464865.09 | 3760134.01 | 66.80119 | (14021908) | 464915.09 |
| 3760134.01 | 58.80682  | (16011808) |          |            |           |
|            | 464965.09 | 3760134.01 | 59.23349 | (16011808) | 465015.09 |
| 3760134.01 | 53.38762  | (16123008) |          |            |           |
|            | 465065.09 | 3760134.01 | 48.37903 | (16123008) | 463865.09 |
| 3760184.01 | 43.81467  | (14020608) |          |            |           |
|            | 464015.09 | 3760184.01 | 44.71875 | (16120608) | 464065.09 |
| 3760184.01 | 43.54750  | (16120608) |          |            |           |
|            | 464115.09 | 3760184.01 | 48.09739 | (13020708) | 464165.09 |
| 3760184.01 | 51.22301  | (12021308) |          |            |           |
|            | 464215.09 | 3760184.01 | 52.64830 | (12120608) | 464265.09 |
| 3760184.01 | 57.02171  | (15013008) |          |            |           |
|            | 464315.09 | 3760184.01 | 56.19943 | (16020108) | 464365.09 |
| 3760184.01 | 56.12369  | (16020108) |          |            |           |
|            | 464415.09 | 3760184.01 | 61.22768 | (16010408) | 464465.09 |
| 3760184.01 | 58.54637  | (16010408) |          |            |           |
|            | 464515.09 | 3760184.01 | 56.38849 | (15022008) | 464565.09 |
| 3760184.01 | 59.19974  | (14022508) |          |            |           |
|            | 464615.09 | 3760184.01 | 66.26284 | (14022508) | 464665.09 |
| 3760184.01 | 62.69019  | (15122908) |          |            |           |
|            | 464715.09 | 3760184.01 | 68.95036 | (15122908) | 464865.09 |
| 3760184.01 | 60.37790  | (14021908) |          |            |           |
|            | 464915.09 | 3760184.01 | 55.09309 | (14021908) | 464965.09 |
| 3760184.01 | 50.72195  | (16011808) |          |            |           |
|            | 465015.09 | 3760184.01 | 50.96461 | (16011808) | 465065.09 |
| 3760184.01 | 46.05450  | (16123008) |          |            |           |
|            | 463865.09 | 3760234.01 | 35.03753 | (14020608) | 463915.09 |
| 3760234.01 | 36.17279  | (16120608) |          |            |           |
|            | 463965.09 | 3760234.01 | 38.16011 | (16120608) | 464015.09 |
| 3760234.01 | 36.88461  | (16120608) |          |            |           |
|            | 464065.09 | 3760234.01 | 42.29873 | (13020708) | 464115.09 |
| 3760234.01 | 45.32162  | (12021308) |          |            |           |
|            | 464165.09 | 3760234.01 | 47.01093 | (12021308) | 464215.09 |
| 3760234.01 | 50.85589  | (15013008) |          |            |           |
|            | 464265.09 | 3760234.01 | 53.68896 | (15013008) | 464315.09 |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3760234.01                                                                | 53.59237   | (16020108) |            |           |
| 464365.09                                                                 | 3760234.01 | 51.78380   | (16010408) | 464415.09 |
| 3760234.01                                                                | 54.30419   | (16010408) |            |           |
| 464465.09                                                                 | 3760234.01 | 48.42110   | (16010408) | 464515.09 |
| 3760234.01                                                                | 50.58476   | (15022008) |            |           |
| 464565.09                                                                 | 3760234.01 | 52.26636   | (14022508) | 464615.09 |
| 3760234.01                                                                | 58.27397   | (14022508) |            |           |
| 464665.09                                                                 | 3760234.01 | 52.31326   | (15122908) | 464715.09 |
| 3760234.01                                                                | 60.71960   | (15122908) |            |           |
| 464765.09                                                                 | 3760234.01 | 55.77557   | (15122908) | 464865.09 |
| 3760234.01                                                                | 51.02552   | (14021908) |            |           |
| 464915.09                                                                 | 3760234.01 | 52.33293   | (14021908) | 464965.09 |
| 3760234.01                                                                | 46.59391   | (16011508) |            |           |
| 465015.09                                                                 | 3760234.01 | 44.58340   | (16011808) | 465065.09 |
| 3760234.01                                                                | 44.53781   | (16011808) |            |           |
| 463865.09                                                                 | 3760284.01 | 29.58324   | (16120608) | 463915.09 |
| 3760284.01                                                                | 30.63912   | (16120608) |            |           |
| 463965.09                                                                 | 3760284.01 | 31.11547   | (13020708) | 464015.09 |
| 3760284.01                                                                | 36.52184   | (13020708) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 |            | ***        | 11/22/24   |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
| *** 14:15:48                                                              |            |            |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: OFFROAD \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002

|            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|
| , L0000003 | , L0000004 | , L0000005 | , L0000006 | , L0000007 | , L0000008 | , L0000009 | , L0000010 |
| , L0000011 | , L0000012 | , L0000013 | , L0000014 | , L0000015 | , L0000016 | , L0000017 | , L0000018 |
| , L0000019 | , L0000020 | , L0000021 | , L0000022 | , L0000023 | , L0000024 | , L0000025 | , L0000026 |
| , L0000027 | , L0000028 | , . . .    |            |            |            |            |            |

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464065.09   | 3760284.01  | 39.37849   | (12021308) | 464115.09   |
| 3760284.01  | 41.71016    | (12021308) |            |             |
| 464165.09   | 3760284.01  | 44.21123   | (15013008) | 464215.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3760284.01 | 48.87621   | (15013008) |            |           |
| 464265.09  | 3760284.01 | 50.66515   | (14020308) | 464315.09 |
| 3760284.01 | 50.21103   | (14012208) |            |           |
| 464365.09  | 3760284.01 | 50.27221   | (14121108) | 464415.09 |
| 3760284.01 | 48.02243   | (16010408) |            |           |
| 464465.09  | 3760284.01 | 39.57785   | (16010408) | 464515.09 |
| 3760284.01 | 42.15486   | (15022008) |            |           |
| 464565.09  | 3760284.01 | 46.59958   | (14022508) | 464615.09 |
| 3760284.01 | 51.76898   | (14022508) |            |           |
| 464665.09  | 3760284.01 | 46.46060   | (14022508) | 464715.09 |
| 3760284.01 | 53.00014   | (15122908) |            |           |
| 464915.09  | 3760284.01 | 46.42444   | (14021908) | 464965.09 |
| 3760284.01 | 45.07925   | (14021908) |            |           |
| 465015.09  | 3760284.01 | 40.68079   | (16011508) | 465065.09 |
| 3760284.01 | 39.42708   | (16011808) |            |           |
| 463865.09  | 3760334.01 | 25.44577   | (16120608) | 463915.09 |
| 3760334.01 | 25.64971   | (13020708) |            |           |
| 463965.09  | 3760334.01 | 30.80485   | (13020708) | 464015.09 |
| 3760334.01 | 33.58677   | (12021308) |            |           |
| 464065.09  | 3760334.01 | 36.42418   | (12021308) | 464115.09 |
| 3760334.01 | 39.50090   | (12112708) |            |           |
| 464165.09  | 3760334.01 | 43.48913   | (15013008) | 464215.09 |
| 3760334.01 | 49.02929   | (14020308) |            |           |
| 464265.09  | 3760334.01 | 47.66927   | (14020308) | 464315.09 |
| 3760334.01 | 48.67310   | (14012208) |            |           |
| 464365.09  | 3760334.01 | 48.36402   | (14121108) | 464415.09 |
| 3760334.01 | 42.03859   | (16010408) |            |           |
| 464465.09  | 3760334.01 | 35.06440   | (15022008) | 464515.09 |
| 3760334.01 | 35.58151   | (15022008) |            |           |
| 464565.09  | 3760334.01 | 41.76930   | (14022508) | 464615.09 |
| 3760334.01 | 46.26526   | (14022508) |            |           |
| 464665.09  | 3760334.01 | 42.43303   | (14022508) | 464715.09 |
| 3760334.01 | 45.82890   | (15122908) |            |           |
| 464765.09  | 3760334.01 | 47.44005   | (15122908) | 464815.09 |
| 3760334.01 | 41.07862   | (15122908) |            |           |
| 464865.09  | 3760334.01 | 35.46038   | (12122608) | 464915.09 |
| 3760334.01 | 39.21892   | (14021908) |            |           |
| 465397.36  | 3759591.35 | 38.22257   | (12121808) | 464972.42 |
| 3759234.75 | 28.43196   | (15021808) |            |           |
| 465022.42  | 3759234.75 | 39.76475   | (15021808) | 464872.42 |
| 3759284.75 | 31.51221   | (12012408) |            |           |
| 464922.42  | 3759284.75 | 41.86234   | (13121908) | 464972.42 |
| 3759284.75 | 45.97836   | (15021808) |            |           |
| 465022.42  | 3759284.75 | 47.91985   | (15021808) | 465072.42 |
| 3759284.75 | 43.92772   | (15021808) |            |           |
| 464872.42  | 3759334.75 | 36.20609   | (15021808) | 464922.42 |
| 3759334.75 | 53.07427   | (15021808) |            |           |
| 464972.42  | 3759334.75 | 54.66311   | (15021808) | 465022.42 |
| 3759334.75 | 49.37114   | (15021808) |            |           |
| 465072.42  | 3759334.75 | 40.70781   | (15021808) | 465122.42 |
| 3759334.75 | 31.00092   | (15021808) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464922.42  | 3759384.75 | 61.73496   | (15021808) | 464972.42 |
| 3759384.75 | 56.81608   | (15021808) |            |           |
| 465022.42  | 3759384.75 | 45.56840   | (15021808) | 465072.42 |
| 3759384.75 | 33.74609   | (15021808) |            |           |
| 465122.42  | 3759384.75 | 23.42030   | (15021808) | 464922.42 |
| 3759434.75 | 62.15489   | (15021808) |            |           |
| 464972.42  | 3759434.75 | 51.46515   | (15021808) | 465122.42 |
| 3759434.75 | 15.67084   | (15021808) |            |           |
| 465172.42  | 3759434.75 | 15.24735   | (16011308) | 463750.66 |
| 3758798.89 | 17.49233   | (15020908) |            |           |
| 463800.66  | 3758798.89 | 18.67557   | (15020908) | 463850.66 |
| 3758798.89 | 19.42581   | (16021108) |            |           |
| 463900.66  | 3758798.89 | 20.63954   | (16021108) | 463950.66 |
| 3758798.89 | 21.29041   | (12120408) |            |           |
| 464000.66  | 3758798.89 | 22.25205   | (14121908) | 464050.66 |
| 3758798.89 | 22.39009   | (12121208) |            |           |
| 464100.66  | 3758798.89 | 23.23123   | (15011308) | 464150.66 |
| 3758798.89 | 25.68572   | (15011308) |            |           |
| 464200.66  | 3758798.89 | 25.95123   | (15011308) | 464250.66 |
| 3758798.89 | 23.80023   | (15011308) |            |           |
| 464300.66  | 3758798.89 | 22.30391   | (14011008) | 464350.66 |
| 3758798.89 | 26.61345   | (14011008) |            |           |
| 464400.66  | 3758798.89 | 28.50694   | (14011008) | 464450.66 |
| 3758798.89 | 28.72027   | (13013008) |            |           |
| 464500.66  | 3758798.89 | 29.74490   | (13013008) | 464550.66 |
| 3758798.89 | 28.71319   | (13121808) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464600.66   | 3758798.89  | 27.00650   | (13121808) | 464650.66   |
| 3758798.89  | 22.43670    | (13121808) |            |             |
| 464700.66   | 3758798.89  | 16.46875   | (13121808) | 464750.66   |
| 3758798.89  | 12.41887    | (12012408) |            |             |
| 463750.66   | 3758838.89  | 17.79041   | (14120808) | 463800.66   |
| 3758838.89  | 19.15548    | (15020908) |            |             |
| 463850.66   | 3758838.89  | 20.13873   | (15020908) | 463900.66   |
| 3758838.89  | 21.14938    | (16021108) |            |             |
| 463950.66   | 3758838.89  | 21.97438   | (16021108) | 464000.66   |
| 3758838.89  | 23.01614    | (12120408) |            |             |
| 464050.66   | 3758838.89  | 23.60603   | (14121908) | 464100.66   |
| 3758838.89  | 23.82250    | (14123008) |            |             |
| 464150.66   | 3758838.89  | 26.28942   | (15011308) | 464200.66   |
| 3758838.89  | 27.51028    | (15011308) |            |             |
| 464250.66   | 3758838.89  | 26.07074   | (15011308) | 464300.66   |
| 3758838.89  | 22.34164    | (14011008) |            |             |
| 464350.66   | 3758838.89  | 27.30133   | (14011008) | 464400.66   |
| 3758838.89  | 29.91318    | (14011008) |            |             |
| 464450.66   | 3758838.89  | 29.88197   | (13013008) | 464500.66   |
| 3758838.89  | 31.24495    | (13013008) |            |             |
| 464550.66   | 3758838.89  | 30.19319   | (13121808) | 464600.66   |
| 3758838.89  | 28.41199    | (13121808) |            |             |
| 464650.66   | 3758838.89  | 23.46123   | (13121808) | 464700.66   |
| 3758838.89  | 16.98174    | (13121808) |            |             |
| 464750.66   | 3758838.89  | 14.00785   | (12012408) | 463750.66   |
| 3758878.89  | 18.56024    | (14120808) |            |             |
| 463800.66   | 3758878.89  | 19.20231   | (15020908) | 463850.66   |
| 3758878.89  | 20.68269    | (15020908) |            |             |
| 463900.66   | 3758878.89  | 21.38056   | (15020908) | 463950.66   |
| 3758878.89  | 22.96781    | (16021108) |            |             |
| 464000.66   | 3758878.89  | 23.59772   | (12120408) | 464050.66   |
| 3758878.89  | 24.85178    | (14121908) |            |             |
| 464100.66   | 3758878.89  | 25.06692   | (12121208) | 464150.66   |
| 3758878.89  | 26.77002    | (15011308) |            |             |
| 464200.66   | 3758878.89  | 28.91415   | (15011308) | 464250.66   |
| 3758878.89  | 28.34613    | (15011308) |            |             |
| 464300.66   | 3758878.89  | 24.89432   | (15011308) | 464350.66   |
| 3758878.89  | 27.96821    | (14011008) |            |             |
| 464400.66   | 3758878.89  | 31.41281   | (14011008) | 464450.66   |
| 3758878.89  | 31.08815    | (13013008) |            |             |
| 464500.66   | 3758878.89  | 32.79264   | (13013008) | 464550.66   |
| 3758878.89  | 31.83102    | (13121808) |            |             |
| 464600.66   | 3758878.89  | 29.97102   | (13121808) | 464650.66   |
| 3758878.89  | 24.56035    | (13121808) |            |             |
| 464700.66   | 3758878.89  | 17.47840   | (13121808) | 464750.66   |
| 3758878.89  | 14.91761    | (12012408) |            |             |
| 463750.66   | 3758918.89  | 19.10761   | (13020408) | 463800.66   |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3758918.89                                                                | 19.85735   | (14120808) |            |           |
| 463850.66                                                                 | 3758918.89 | 20.84546   | (15020908) | 463900.66 |
| 3758918.89                                                                | 22.37534   | (15020908) |            |           |
| 463950.66                                                                 | 3758918.89 | 23.52903   | (16021108) | 464000.66 |
| 3758918.89                                                                | 24.73530   | (16021108) |            |           |
| 464050.66                                                                 | 3758918.89 | 25.88081   | (12120408) | 464100.66 |
| 3758918.89                                                                | 26.68570   | (14121908) |            |           |
| 464150.66                                                                 | 3758918.89 | 26.83298   | (14123008) | 464200.66 |
| 3758918.89                                                                | 30.05996   | (15011308) |            |           |
| 464250.66                                                                 | 3758918.89 | 30.64629   | (15011308) | 464300.66 |
| 3758918.89                                                                | 27.82425   | (15011308) |            |           |
| 464350.66                                                                 | 3758918.89 | 28.56917   | (14011008) | 464400.66 |
| 3758918.89                                                                | 32.80749   | (14011008) |            |           |
| 464450.66                                                                 | 3758918.89 | 32.98264   | (14011008) | 464500.66 |
| 3758918.89                                                                | 34.56268   | (13013008) |            |           |
| 464550.66                                                                 | 3758918.89 | 33.66039   | (13121808) | 464600.66 |
| 3758918.89                                                                | 31.69125   | (13121808) |            |           |
| 464650.66                                                                 | 3758918.89 | 25.76384   | (13121808) | 464700.66 |
| 3758918.89                                                                | 17.99535   | (13121808) |            |           |
| 464750.66                                                                 | 3758918.89 | 16.48997   | (12012408) | 463750.66 |
| 3758958.89                                                                | 19.41198   | (12120308) |            |           |
| 463800.66                                                                 | 3758958.89 | 20.51756   | (13020408) | 463850.66 |
| 3758958.89                                                                | 21.46283   | (14120808) |            |           |
| 463900.66                                                                 | 3758958.89 | 22.82661   | (15020908) | 463950.66 |
| 3758958.89                                                                | 24.16290   | (15020908) |            |           |
| 464000.66                                                                 | 3758958.89 | 25.86656   | (16021108) | 464050.66 |
| 3758958.89                                                                | 26.77729   | (12120408) |            |           |
| 464100.66                                                                 | 3758958.89 | 28.26949   | (14121908) | 464150.66 |
| 3758958.89                                                                | 28.37581   | (14123008) |            |           |
| 464200.66                                                                 | 3758958.89 | 30.90788   | (15011308) | 464250.66 |
| 3758958.89                                                                | 32.83598   | (15011308) |            |           |
| 464300.66                                                                 | 3758958.89 | 30.94917   | (15011308) | 464350.66 |
| 3758958.89                                                                | 29.02372   | (14011008) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 | ***        | 11/22/24   |            |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
|                                                                           | ***        | 14:15:48   |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: OFFROAD \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002

|            |            |            |            |            |            |  |
|------------|------------|------------|------------|------------|------------|--|
| , L0000003 | , L0000004 | , L0000005 | ,          |            |            |  |
|            | L0000006   | , L0000007 | , L0000008 | , L0000009 | , L0000010 |  |
| , L0000011 | , L0000012 | , L0000013 | ,          |            |            |  |
|            | L0000014   | , L0000015 | , L0000016 | , L0000017 | , L0000018 |  |
| , L0000019 | , L0000020 | , L0000021 | ,          |            |            |  |
|            | L0000022   | , L0000023 | , L0000024 | , L0000025 | , L0000026 |  |
| , L0000027 | , L0000028 | , . . .    | ,          |            |            |  |

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464400.66   | 3758958.89  | 34.24092   | (14011008) | 464450.66   |
| 3758958.89  | 35.30517    | (14011008) |            |             |
| 464500.66   | 3758958.89  | 36.71641   | (13013008) | 464550.66   |
| 3758958.89  | 35.69313    | (13121808) |            |             |
| 464600.66   | 3758958.89  | 33.59705   | (13121808) | 464650.66   |
| 3758958.89  | 27.08408    | (13121808) |            |             |
| 464700.66   | 3758958.89  | 18.45559   | (13121808) | 464750.66   |
| 3758958.89  | 18.70623    | (12012408) |            |             |
| 463750.66   | 3758998.89  | 20.20635   | (12120308) | 463800.66   |
| 3758998.89  | 21.06873    | (12120308) |            |             |
| 463850.66   | 3758998.89  | 22.20999   | (13020408) | 463900.66   |
| 3758998.89  | 23.12489    | (14120808) |            |             |
| 463950.66   | 3758998.89  | 25.19396   | (15020908) | 464000.66   |
| 3758998.89  | 26.40959    | (16021108) |            |             |
| 464050.66   | 3758998.89  | 28.22638   | (16021108) | 464100.66   |
| 3758998.89  | 29.44288    | (12120408) |            |             |
| 464150.66   | 3758998.89  | 30.39492   | (12121208) | 464200.66   |
| 3758998.89  | 31.35899    | (15011308) |            |             |
| 464250.66   | 3758998.89  | 34.83454   | (15011308) | 464300.66   |
| 3758998.89  | 34.11892    | (15011308) |            |             |
| 464350.66   | 3758998.89  | 29.32082   | (14011008) | 464400.66   |
| 3758998.89  | 35.78962    | (14011008) |            |             |
| 464450.66   | 3758998.89  | 37.74871   | (14011008) | 464500.66   |
| 3758998.89  | 38.85791    | (13013008) |            |             |
| 464550.66   | 3758998.89  | 37.94567   | (13121808) | 464600.66   |
| 3758998.89  | 35.71970    | (13121808) |            |             |
| 464650.66   | 3758998.89  | 28.36658   | (13121808) | 464700.66   |
| 3758998.89  | 18.98515    | (13121808) |            |             |
| 464750.66   | 3758998.89  | 21.28490   | (12012408) | 463750.66   |
| 3759038.89  | 20.39795    | (12120308) |            |             |
| 463800.66   | 3759038.89  | 21.84107   | (12120308) | 463850.66   |
| 3759038.89  | 22.82903    | (13021208) |            |             |
| 463900.66   | 3759038.89  | 24.31945   | (14120808) | 463950.66   |
| 3759038.89  | 25.56391    | (15020908) |            |             |
| 464000.66   | 3759038.89  | 27.73585   | (15020908) | 464050.66   |
| 3759038.89  | 29.38093    | (16021108) |            |             |
| 464100.66   | 3759038.89  | 30.56279   | (16021108) | 464150.66   |
| 3759038.89  | 32.54660    | (14121908) |            |             |
| 464200.66   | 3759038.89  | 32.71998   | (14123008) | 464250.66   |
| 3759038.89  | 36.45345    | (15011308) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464300.66  | 3759038.89 | 37.62347   | (15011308) | 464350.66 |
| 3759038.89 | 33.45596   | (15011308) |            |           |
| 464400.66  | 3759038.89 | 37.37766   | (14011008) | 464450.66 |
| 3759038.89 | 40.26297   | (14011008) |            |           |
| 464500.66  | 3759038.89 | 41.34916   | (13013008) | 464550.66 |
| 3759038.89 | 40.50569   | (13121808) |            |           |
| 464600.66  | 3759038.89 | 38.08044   | (13121808) | 464650.66 |
| 3759038.89 | 29.92070   | (13121808) |            |           |
| 464700.66  | 3759038.89 | 20.18017   | (13121808) | 463750.66 |
| 3759078.89 | 20.98521   | (15120208) |            |           |
| 463800.66  | 3759078.89 | 22.24302   | (12120308) | 463850.66 |
| 3759078.89 | 23.97580   | (12120308) |            |           |
| 463900.66  | 3759078.89 | 25.15043   | (13020408) | 463950.66 |
| 3759078.89 | 26.63042   | (14120808) |            |           |
| 464000.66  | 3759078.89 | 28.62878   | (15020908) | 464050.66 |
| 3759078.89 | 30.60420   | (15020908) |            |           |
| 464100.66  | 3759078.89 | 32.66859   | (16021108) | 464150.66 |
| 3759078.89 | 34.39515   | (12120408) |            |           |
| 464200.66  | 3759078.89 | 35.29917   | (12121208) | 464250.66 |
| 3759078.89 | 37.92501   | (15011308) |            |           |
| 464300.66  | 3759078.89 | 41.10889   | (15011308) | 464350.66 |
| 3759078.89 | 38.46349   | (15011308) |            |           |
| 464400.66  | 3759078.89 | 38.76072   | (14011008) | 464450.66 |
| 3759078.89 | 43.22000   | (14011008) |            |           |
| 464500.66  | 3759078.89 | 44.43937   | (13013008) | 464550.66 |
| 3759078.89 | 43.37207   | (13121808) |            |           |
| 464600.66  | 3759078.89 | 40.71492   | (13121808) | 464650.66 |
| 3759078.89 | 31.80412   | (13121808) |            |           |
| 463750.66  | 3759118.89 | 21.56562   | (15120208) | 463800.66 |
| 3759118.89 | 23.05828   | (15120208) |            |           |
| 463850.66  | 3759118.89 | 24.40895   | (12120308) | 463900.66 |
| 3759118.89 | 26.38143   | (12120308) |            |           |
| 463950.66  | 3759118.89 | 27.85645   | (13020408) | 464000.66 |
| 3759118.89 | 29.38332   | (14120808) |            |           |
| 464050.66  | 3759118.89 | 32.36974   | (15020908) | 464100.66 |
| 3759118.89 | 33.97305   | (16021108) |            |           |
| 464150.66  | 3759118.89 | 35.90052   | (16021108) | 464200.66 |
| 3759118.89 | 38.24865   | (14121908) |            |           |
| 464250.66  | 3759118.89 | 38.52721   | (15011308) | 464300.66 |
| 3759118.89 | 44.45982   | (15011308) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002

```

, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464350.66   | 3759118.89  | 43.57162   | (15011308) | 464400.66   |
| 3759118.89  | 39.98423    | (14011008) |            |             |
| 464450.66   | 3759118.89  | 46.25170   | (14011008) | 464500.66   |
| 3759118.89  | 46.66148    | (13013008) |            |             |
| 464550.66   | 3759118.89  | 46.51193   | (13121808) | 464600.66   |
| 3759118.89  | 43.53228    | (13121808) |            |             |
| 463750.66   | 3759158.89  | 22.32145   | (16112308) | 463800.66   |
| 3759158.89  | 23.58412    | (15113008) |            |             |
| 463850.66   | 3759158.89  | 25.45932   | (15120208) | 463900.66   |
| 3759158.89  | 27.28515    | (12120308) |            |             |
| 463950.66   | 3759158.89  | 29.36966   | (12120308) | 464000.66   |
| 3759158.89  | 31.04742    | (13020408) |            |             |
| 464050.66   | 3759158.89  | 33.01536   | (15020908) | 464100.66   |
| 3759158.89  | 36.34833    | (15020908) |            |             |
| 464150.66   | 3759158.89  | 38.40985   | (16021108) | 464200.66   |
| 3759158.89  | 41.13188    | (12120408) |            |             |
| 464250.66   | 3759158.89  | 41.99861   | (14121908) | 464300.66   |
| 3759158.89  | 46.66436    | (15011308) |            |             |
| 464350.66   | 3759158.89  | 48.29252   | (15011308) | 464400.66   |
| 3759158.89  | 40.94243    | (14011008) |            |             |
| 464450.66   | 3759158.89  | 49.43303   | (14011008) | 464500.66   |
| 3759158.89  | 49.98652    | (13013008) |            |             |
| 463750.66   | 3759198.89  | 22.93336   | (15021008) | 463800.66   |
| 3759198.89  | 24.66128    | (16112308) |            |             |
| 463850.66   | 3759198.89  | 26.31208   | (15120208) | 463900.66   |
| 3759198.89  | 28.36655    | (15120208) |            |             |
| 463950.66   | 3759198.89  | 30.52436   | (12120308) | 464000.66   |
| 3759198.89  | 32.90459    | (12120308) |            |             |
| 464050.66   | 3759198.89  | 34.91425   | (13020408) | 464100.66   |
| 3759198.89  | 38.08591    | (15020908) |            |             |
| 464150.66   | 3759198.89  | 40.75424   | (15020908) | 464200.66   |
| 3759198.89  | 43.27988    | (12120408) |            |             |
| 464250.66   | 3759198.89  | 46.59505   | (12120408) | 464300.66   |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3759198.89                                                                | 48.36834   | (15011308) |            |           |
| 464350.66                                                                 | 3759198.89 | 53.42073   | (15011308) | 464400.66 |
| 3759198.89                                                                | 47.97646   | (15011308) |            |           |
| 464450.66                                                                 | 3759198.89 | 52.88474   | (14011008) | 464500.66 |
| 3759198.89                                                                | 55.09197   | (13013008) |            |           |
| 463750.66                                                                 | 3759238.89 | 23.82712   | (13021508) | 463800.66 |
| 3759238.89                                                                | 25.54051   | (15021008) |            |           |
| 463850.66                                                                 | 3759238.89 | 27.33138   | (16112308) | 463900.66 |
| 3759238.89                                                                | 29.19432   | (15120208) |            |           |
| 463950.66                                                                 | 3759238.89 | 31.79136   | (15120208) | 464000.66 |
| 3759238.89                                                                | 34.66247   | (12120308) |            |           |
| 464050.66                                                                 | 3759238.89 | 37.23471   | (12120308) | 464100.66 |
| 3759238.89                                                                | 39.20628   | (13012908) |            |           |
| 464150.66                                                                 | 3759238.89 | 43.94869   | (15020908) | 464200.66 |
| 3759238.89                                                                | 46.12698   | (16021108) |            |           |
| 464250.66                                                                 | 3759238.89 | 50.97984   | (12120408) | 464300.66 |
| 3759238.89                                                                | 51.99656   | (12112908) |            |           |
| 464350.66                                                                 | 3759238.89 | 58.42511   | (15011308) | 464400.66 |
| 3759238.89                                                                | 56.40266   | (15011308) |            |           |
| 464450.66                                                                 | 3759238.89 | 56.24348   | (14011008) | 464500.66 |
| 3759238.89                                                                | 58.96848   | (14011008) |            |           |
| 464550.66                                                                 | 3759238.89 | 58.20893   | (13121808) | 463750.66 |
| 3759278.89                                                                | 24.54847   | (12021008) |            |           |
| 463800.66                                                                 | 3759278.89 | 26.17793   | (13021508) | 463850.66 |
| 3759278.89                                                                | 28.34046   | (13021508) |            |           |
| 463900.66                                                                 | 3759278.89 | 30.48628   | (16112308) | 463950.66 |
| 3759278.89                                                                | 32.70174   | (15113008) |            |           |
| 464000.66                                                                 | 3759278.89 | 36.18663   | (15120208) | 464050.66 |
| 3759278.89                                                                | 39.40665   | (12120308) |            |           |
| 464100.66                                                                 | 3759278.89 | 41.90086   | (13021208) | 464150.66 |
| 3759278.89                                                                | 45.03220   | (15020908) |            |           |
| 464200.66                                                                 | 3759278.89 | 50.52606   | (15020908) | 464250.66 |
| 3759278.89                                                                | 53.64493   | (12120408) |            |           |
| 464300.66                                                                 | 3759278.89 | 58.77242   | (12120408) | 464350.66 |
| 3759278.89                                                                | 62.76126   | (15011308) |            |           |
| 464400.66                                                                 | 3759278.89 | 64.58505   | (15011308) | 464450.66 |
| 3759278.89                                                                | 56.68242   | (14011008) |            |           |
| 464500.66                                                                 | 3759278.89 | 40.56468   | (13121808) | 463750.66 |
| 3759318.89                                                                | 25.07005   | (15120708) |            |           |
| 463800.66                                                                 | 3759318.89 | 26.99492   | (12021008) | 463850.66 |
| 3759318.89                                                                | 28.84440   | (12021008) |            |           |
| 463900.66                                                                 | 3759318.89 | 31.52738   | (13021508) | 463950.66 |
| 3759318.89                                                                | 34.31269   | (15021008) |            |           |
| 464000.66                                                                 | 3759318.89 | 37.43354   | (16112308) | 464050.66 |
| 3759318.89                                                                | 40.86793   | (15120208) |            |           |
| 464100.66                                                                 | 3759318.89 | 44.88154   | (12120308) | 464150.66 |
| 3759318.89                                                                | 48.04388   | (13021208) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 |            | ***        | 11/22/24   |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
|                                                                           |            | ***        | 14:15:48   |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464200.66   | 3759318.89  | 53.44954   | (15020908) | 464250.66   |
| 3759318.89  | 58.70032    | (14122208) |            |             |
| 464300.66   | 3759318.89  | 65.33827   | (12120408) | 464350.66   |
| 3759318.89  | 67.34315    | (12112908) |            |             |
| 464400.66   | 3759318.89  | 72.82194   | (15011308) | 464450.66   |
| 3759318.89  | 33.14300    | (15121508) |            |             |
| 463750.66   | 3759358.89  | 15.83587   | (15021308) | 463800.66   |
| 3759358.89  | 17.17601    | (15021308) |            |             |
| 463850.66   | 3759358.89  | 26.04754   | (15120708) | 463900.66   |
| 3759358.89  | 32.80230    | (12021008) |            |             |
| 463950.66   | 3759358.89  | 35.65721   | (13021508) | 464000.66   |
| 3759358.89  | 39.15657    | (15021008) |            |             |
| 464050.66   | 3759358.89  | 42.44587   | (16112308) | 464100.66   |
| 3759358.89  | 46.89036    | (15120208) |            |             |
| 464150.66   | 3759358.89  | 51.92124   | (12120308) | 464200.66   |
| 3759358.89  | 55.87367    | (13021208) |            |             |
| 464250.66   | 3759358.89  | 64.22829   | (15020908) | 464300.66   |
| 3759358.89  | 70.77897    | (14122208) |            |             |
| 464350.66   | 3759358.89  | 75.42031   | (12112908) | 464400.66   |
| 3759358.89  | 71.83096    | (15011308) |            |             |
| 463750.66   | 3759398.89  | 15.46331   | (15012308) | 463800.66   |
| 3759398.89  | 16.95449    | (15021308) |            |             |
| 463850.66   | 3759398.89  | 18.95743   | (15021308) | 463900.66   |
| 3759398.89  | 31.67041    | (15120708) |            |             |
| 463950.66   | 3759398.89  | 36.89216   | (12021008) | 464000.66   |
| 3759398.89  | 40.22009    | (13021508) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
|            | 464050.66 | 3759398.89 | 44.90121 | (15021008) | 464100.66 |
| 3759398.89 | 49.19388  | (16112308) |          |            |           |
|            | 464150.66 | 3759398.89 | 54.76964 | (15121008) | 464200.66 |
| 3759398.89 | 60.95400  | (12120308) |          |            |           |
|            | 464250.66 | 3759398.89 | 65.45761 | (15020908) | 464300.66 |
| 3759398.89 | 76.58690  | (12011608) |          |            |           |
|            | 464350.66 | 3759398.89 | 81.45452 | (12120408) | 464400.66 |
| 3759398.89 | 49.49914  | (15121508) |          |            |           |
|            | 463750.66 | 3759438.89 | 15.33029 | (15012808) | 463800.66 |
| 3759438.89 | 16.81357  | (15012308) |          |            |           |
|            | 463850.66 | 3759438.89 | 18.42767 | (15012308) | 463900.66 |
| 3759438.89 | 20.95701  | (15021308) |          |            |           |
|            | 463950.66 | 3759438.89 | 36.59596 | (15120708) | 464000.66 |
| 3759438.89 | 41.88404  | (12021008) |          |            |           |
|            | 464050.66 | 3759438.89 | 46.53878 | (12021008) | 464100.66 |
| 3759438.89 | 52.15840  | (15021008) |          |            |           |
|            | 464150.66 | 3759438.89 | 58.47209 | (14012908) | 464200.66 |
| 3759438.89 | 63.91901  | (15121008) |          |            |           |
|            | 464250.66 | 3759438.89 | 71.73862 | (12120308) | 464300.66 |
| 3759438.89 | 81.08681  | (15020908) |          |            |           |
|            | 464350.66 | 3759438.89 | 82.84203 | (16021108) | 463800.66 |
| 3759478.89 | 17.27189  | (15012808) |          |            |           |
|            | 463850.66 | 3759478.89 | 18.58483 | (15012808) | 463900.66 |
| 3759478.89 | 20.60662  | (15012308) |          |            |           |
|            | 463950.66 | 3759478.89 | 34.43017 | (16112208) | 464000.66 |
| 3759478.89 | 42.75325  | (13120208) |          |            |           |
|            | 464050.66 | 3759478.89 | 48.34010 | (13120208) | 464100.66 |
| 3759478.89 | 54.56609  | (12021008) |          |            |           |
|            | 464250.66 | 3759478.89 | 74.65982 | (15120208) | 464300.66 |
| 3759478.89 | 85.38663  | (12120308) |          |            |           |
|            | 464350.66 | 3759478.89 | 65.26801 | (15021208) | 463850.66 |
| 3759518.89 | 19.38460  | (15012808) |          |            |           |
|            | 463900.66 | 3759518.89 | 21.24330 | (15012808) | 463950.66 |
| 3759518.89 | 25.47694  | (15012808) |          |            |           |
|            | 464000.66 | 3759518.89 | 44.24517 | (12012608) | 464050.66 |
| 3759518.89 | 49.98165  | (12012608) |          |            |           |
|            | 464300.66 | 3759518.89 | 75.32170 | (14112708) | 464350.66 |
| 3759518.89 | 68.84513  | (15021208) |          |            |           |
|            | 463900.66 | 3759558.89 | 21.69096 | (12011208) | 463950.66 |
| 3759558.89 | 24.63236  | (15012808) |          |            |           |
|            | 464000.66 | 3759558.89 | 42.53667 | (13121608) | 464350.66 |
| 3759558.89 | 78.26708  | (16020908) |          |            |           |
|            | 464400.66 | 3759558.89 | 94.62493 | (15021208) | 463950.66 |
| 3759598.89 | 25.25306  | (12011208) |          |            |           |
|            | 464517.36 | 3759346.67 | 38.52783 | (13121808) | 464567.36 |
| 3759346.67 | 42.13620  | (13121808) |          |            |           |
|            | 464617.36 | 3759346.67 | 38.62542 | (13121808) | 464517.36 |
| 3759396.67 | 45.28787  | (13121808) |          |            |           |
|            | 464567.36 | 3759396.67 | 50.53871 | (13121808) | 464617.36 |
| 3759396.67 | 45.76227  | (13121808) |          |            |           |
|            | 464517.36 | 3759446.67 | 54.15425 | (13121808) | 464567.36 |

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: ReqDFAULT CONC ELEV URBAN ADJ U\*

| VALUES FOR SOURCE GROUP: |                       | *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION |
|--------------------------|-----------------------|------------------------------------------------|
| OFFROAD                  |                       | ***                                            |
| INCLUDING SOURCE(S):     |                       |                                                |
|                          |                       | L0000001 , L0000002                            |
| , L0000003               | , L0000004 , L0000005 |                                                |
|                          | L0000006 , L0000007   | , L0000008 , L0000009 , L0000010               |
| , L0000011               | , L0000012 , L0000013 |                                                |
|                          | L0000014 , L0000015   | , L0000016 , L0000017 , L0000018               |
| , L0000019               | , L0000020 , L0000021 |                                                |
|                          | L0000022 , L0000023   | , L0000024 , L0000025 , L0000026               |
| , L0000027               | , L0000028            |                                                |

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|             | X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) |             | CONC        | (YYMMDDHH) |            |             |
|             | 464809.77   | 3759568.55  | 95.29265   | (15021808) | 464859.77   |
| 3759568.55  | 63.84023    | (15021808)  |            |            |             |
|             | 464609.77   | 3759618.55  | 181.85161  | (12012408) | 464659.77   |
| 3759618.55  | 143.99523   | (12012408)  |            |            |             |
|             | 464709.77   | 3759618.55  | 160.14114  | (15021808) | 464759.77   |
| 3759618.55  | 125.19613   | (15021808)  |            |            |             |
|             | 464809.77   | 3759618.55  | 76.89669   | (15021808) | 464859.77   |
| 3759618.55  | 74.10374    | (12121808)  |            |            |             |
|             | 464609.77   | 3759668.55  | 261.30004  | (12012408) | 464659.77   |
| 3759668.55  | 166.76956   | (12012408)  |            |            |             |
|             | 464709.77   | 3759668.55  | 123.12658  | (16011308) | 464759.77   |
| 3759668.55  | 135.80589   | (12121808)  |            |            |             |
|             | 464809.77   | 3759668.55  | 124.02509  | (12121808) | 464859.77   |
| 3759668.55  | 106.36704   | (12121808)  |            |            |             |
|             | 464609.77   | 3759718.55  | 632.77565  | (12113008) | 464659.77   |
| 3759718.55  | 261.98256   | (14120315)  |            |            |             |
|             | 464709.77   | 3759718.55  | 161.60647  | (14013108) | 464759.77   |
| 3759718.55  | 174.62228   | (13020608)  |            |            |             |
|             | 464444.57   | 3759555.56  | 102.26934  | (12020908) | 464494.57   |

|            |            |            |                      |
|------------|------------|------------|----------------------|
| 3759555.56 | 114.36354  | (15121508) |                      |
| 464544.57  | 3759555.56 | 108.47046  | (13121808) 464444.57 |
| 3759605.56 | 138.79975  | (15021208) |                      |
| 464494.57  | 3759605.56 | 163.36359  | (15121508) 464544.57 |
| 3759605.56 | 157.93106  | (13121808) |                      |
| 464444.57  | 3759655.56 | 175.79490  | (16020508) 464494.57 |
| 3759655.56 | 260.47159  | (15021208) |                      |
| 464544.57  | 3759655.56 | 289.57580  | (15121508) 463980.94 |
| 3759596.79 | 27.03143   | (12011208) |                      |
| 464030.94  | 3759596.79 | 29.80303   | (12011208) 464080.94 |
| 3759596.79 | 33.52123   | (15012808) |                      |
| 464130.94  | 3759596.79 | 38.89273   | (15012808) 464180.94 |
| 3759596.79 | 44.27468   | (15012808) |                      |
| 464230.94  | 3759596.79 | 52.88584   | (15021308) 464280.94 |
| 3759596.79 | 65.41895   | (15021308) |                      |
| 464330.94  | 3759596.79 | 79.81388   | (13121708) 464380.94 |
| 3759596.79 | 99.96534   | (16020908) |                      |
| 463980.94  | 3759646.79 | 26.32815   | (14011608) 464030.94 |
| 3759646.79 | 29.75073   | (14011608) |                      |
| 464080.94  | 3759646.79 | 33.97696   | (14011608) 464130.94 |
| 3759646.79 | 39.19216   | (12011208) |                      |
| 464180.94  | 3759646.79 | 46.33235   | (12011208) 464230.94 |
| 3759646.79 | 55.30767   | (12011208) |                      |
| 464280.94  | 3759646.79 | 67.50098   | (15012808) 464330.94 |
| 3759646.79 | 83.78499   | (15012308) |                      |
| 464380.94  | 3759646.79 | 112.51322  | (15021308) 463980.94 |
| 3759696.79 | 26.09401   | (16122608) |                      |
| 464030.94  | 3759696.79 | 29.39493   | (16122608) 464080.94 |
| 3759696.79 | 33.50230   | (16122608) |                      |
| 464130.94  | 3759696.79 | 38.99424   | (16122608) 464180.94 |
| 3759696.79 | 46.08265   | (14011608) |                      |
| 464230.94  | 3759696.79 | 56.25164   | (14011608) 464280.94 |
| 3759696.79 | 70.45275   | (14011608) |                      |
| 464330.94  | 3759696.79 | 90.97076   | (14011608) 464380.94 |
| 3759696.79 | 119.41502  | (12011208) |                      |
| 464450.80  | 3759744.24 | 244.71279  | (12110208) 464030.94 |
| 3759746.79 | 29.30641   | (15012908) |                      |
| 464080.94  | 3759746.79 | 33.69600   | (15012908) 464130.94 |
| 3759746.79 | 39.37599   | (15012908) |                      |
| 464180.94  | 3759746.79 | 46.49380   | (15012908) 464230.94 |
| 3759746.79 | 56.01080   | (15012908) |                      |
| 464280.94  | 3759746.79 | 69.41985   | (15012908) 464330.94 |
| 3759746.79 | 89.59995   | (15012908) |                      |
| 464380.94  | 3759746.79 | 125.00614  | (12110208) 463980.94 |
| 3759796.79 | 26.89477   | (15012908) |                      |
| 464030.94  | 3759796.79 | 30.28324   | (15012908) 464080.94 |
| 3759796.79 | 34.65061   | (15012908) |                      |
| 464130.94  | 3759796.79 | 39.90259   | (15012908) 464180.94 |
| 3759796.79 | 46.04520   | (15012908) |                      |
| 464230.94  | 3759796.79 | 54.47813   | (15012908) 464280.94 |
| 3759796.79 | 65.61372   | (15012908) |                      |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464330.94  | 3759796.79 | 80.35997   | (15012908) | 464380.94 |
| 3759796.79 | 102.52259  | (16012608) |            |           |
| 464788.18  | 3759737.20 | 140.38805  | (14013108) | 464838.18 |
| 3759737.20 | 102.62799  | (14013108) |            |           |
| 464888.18  | 3759737.20 | 96.78762   | (13112008) | 464938.18 |
| 3759737.20 | 92.43976   | (13112008) |            |           |
| 464988.18  | 3759737.20 | 81.00951   | (13112008) | 465038.18 |
| 3759737.20 | 70.83666   | (13112008) |            |           |
| 465088.18  | 3759737.20 | 62.71127   | (13112008) | 465138.18 |
| 3759737.20 | 56.40029   | (13112008) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 465188.18   | 3759737.20  | 50.89491   | (13112008) | 465238.18   |
| 3759737.20  | 46.33215    | (13112008) |            |             |
| 465288.18   | 3759737.20  | 42.32413   | (13112008) | 465338.18   |
| 3759737.20  | 38.59540    | (13112008) |            |             |
| 465388.18   | 3759737.20  | 36.02070   | (13112008) | 464788.18   |
| 3759787.20  | 109.64494   | (14013108) |            |             |
| 464838.18   | 3759787.20  | 82.86066   | (14013108) | 464888.18   |
| 3759787.20  | 99.13918    | (13111908) |            |             |
| 464938.18   | 3759787.20  | 91.85335   | (13111908) | 464988.18   |
| 3759787.20  | 81.27611    | (13111908) |            |             |
| 465038.18   | 3759787.20  | 71.22686   | (13111908) | 465088.18   |
| 3759787.20  | 62.99417    | (13111908) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465138.18  | 3759787.20 | 56.23922   | (13111908) | 465188.18 |
| 3759787.20 | 50.62993   | (13111908) |            |           |
| 465238.18  | 3759787.20 | 46.13258   | (13111908) | 465288.18 |
| 3759787.20 | 42.00408   | (13111908) |            |           |
| 465338.18  | 3759787.20 | 38.48100   | (13111908) | 465388.18 |
| 3759787.20 | 35.70018   | (13111908) |            |           |
| 464788.18  | 3759837.20 | 98.65357   | (15012108) | 464838.18 |
| 3759837.20 | 77.91679   | (15012108) |            |           |
| 464888.18  | 3759837.20 | 92.28997   | (15012108) | 464938.18 |
| 3759837.20 | 88.90172   | (13112108) |            |           |
| 464988.18  | 3759837.20 | 78.57225   | (13112108) | 465038.18 |
| 3759837.20 | 69.76035   | (13112108) |            |           |
| 465088.18  | 3759837.20 | 60.69791   | (13112108) | 465138.18 |
| 3759837.20 | 53.47552   | (13112108) |            |           |
| 465188.18  | 3759837.20 | 47.14806   | (13112108) | 465238.18 |
| 3759837.20 | 43.09964   | (13111908) |            |           |
| 465288.18  | 3759837.20 | 40.02151   | (13111908) | 465338.18 |
| 3759837.20 | 37.29349   | (13111908) |            |           |
| 465388.18  | 3759837.20 | 34.87771   | (13111908) | 464788.18 |
| 3759887.20 | 97.58987   | (13020808) |            |           |
| 464838.18  | 3759887.20 | 79.13378   | (13020808) | 464888.18 |
| 3759887.20 | 92.15822   | (14013008) |            |           |
| 464938.18  | 3759887.20 | 86.87126   | (14013008) | 464988.18 |
| 3759887.20 | 72.12590   | (14013008) |            |           |
| 465038.18  | 3759887.20 | 63.13984   | (15012108) | 465088.18 |
| 3759887.20 | 57.98620   | (13112108) |            |           |
| 465138.18  | 3759887.20 | 53.59320   | (13112108) | 465188.18 |
| 3759887.20 | 49.42502   | (13112108) |            |           |
| 465238.18  | 3759887.20 | 45.41735   | (13112108) | 465288.18 |
| 3759887.20 | 41.96058   | (13112108) |            |           |
| 465338.18  | 3759887.20 | 37.61928   | (13112108) | 465388.18 |
| 3759887.20 | 35.17290   | (13112108) |            |           |
| 464788.18  | 3759937.20 | 95.72151   | (16123008) | 464838.18 |
| 3759937.20 | 98.82124   | (16123008) |            |           |
| 464888.18  | 3759937.20 | 82.70152   | (14020708) | 464938.18 |
| 3759937.20 | 82.85243   | (14020708) |            |           |
| 464988.18  | 3759937.20 | 75.28925   | (14013008) | 465038.18 |
| 3759937.20 | 67.11303   | (14013008) |            |           |
| 465088.18  | 3759937.20 | 58.09638   | (14013008) | 465138.18 |
| 3759937.20 | 48.64010   | (14013008) |            |           |
| 465188.18  | 3759937.20 | 44.10938   | (15012108) | 465238.18 |
| 3759937.20 | 41.17001   | (15012108) |            |           |
| 465288.18  | 3759937.20 | 39.37323   | (13112108) | 465338.18 |
| 3759937.20 | 37.17998   | (13112108) |            |           |
| 465388.18  | 3759937.20 | 35.35550   | (13112108) | 464959.25 |
| 3759453.01 | 52.41299   | (15021808) |            |           |
| 465009.25  | 3759453.01 | 36.55326   | (15021808) | 465059.25 |
| 3759453.01 | 23.96682   | (15021808) |            |           |
| 465109.25  | 3759453.01 | 15.85929   | (16011308) | 465159.25 |
| 3759453.01 | 18.24296   | (16011308) |            |           |
| 465209.25  | 3759453.01 | 20.50207   | (16011308) | 465259.25 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759453.01 | 22.37313   | (16011308) |            |           |
| 465309.25  | 3759453.01 | 24.26315   | (12121808) | 465359.25 |
| 3759453.01 | 25.80574   | (12121808) |            |           |
| 465409.25  | 3759453.01 | 26.85390   | (12121808) | 465459.25 |
| 3759453.01 | 27.59795   | (12121808) |            |           |
| 465509.25  | 3759453.01 | 27.98890   | (12121808) | 464959.25 |
| 3759503.01 | 39.86908   | (15021808) |            |           |
| 465009.25  | 3759503.01 | 25.04264   | (15021808) | 465059.25 |
| 3759503.01 | 25.75886   | (16011308) |            |           |
| 465109.25  | 3759503.01 | 28.45755   | (16011308) | 465159.25 |
| 3759503.01 | 31.02440   | (12121808) |            |           |
| 465209.25  | 3759503.01 | 32.98036   | (12121808) | 465259.25 |
| 3759503.01 | 34.22080   | (12121808) |            |           |
| 465309.25  | 3759503.01 | 34.66471   | (12121808) | 465359.25 |
| 3759503.01 | 34.75925   | (12121808) |            |           |
| 465409.25  | 3759503.01 | 34.33009   | (12121808) | 465459.25 |
| 3759503.01 | 33.79259   | (12121808) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3  
\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 465509.25   | 3759503.01  | 33.26530   | (12121808) | 464959.25   |
| 3759553.01  | 37.81950    | (16011308) |            |             |
| 465009.25   | 3759553.01  | 41.48494   | (12121808) | 465059.25   |
| 3759553.01  | 44.17548    | (12121808) |            |             |
| 465109.25   | 3759553.01  | 45.57406   | (12121808) | 465159.25   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759553.01 | 45.81124   | (12121808) |            |           |
| 465209.25  | 3759553.01 | 45.36725   | (12121808) | 465259.25 |
| 3759553.01 | 44.09727   | (12121808) |            |           |
| 465309.25  | 3759553.01 | 41.73880   | (12121808) | 465359.25 |
| 3759553.01 | 39.47805   | (12121808) |            |           |
| 465409.25  | 3759553.01 | 38.63745   | (12121808) | 465459.25 |
| 3759553.01 | 36.50972   | (12121808) |            |           |
| 465509.25  | 3759553.01 | 34.58687   | (12121808) | 464959.25 |
| 3759603.01 | 63.40255   | (12121808) |            |           |
| 465009.25  | 3759603.01 | 62.31311   | (12121808) | 465059.25 |
| 3759603.01 | 60.71170   | (12121808) |            |           |
| 465109.25  | 3759603.01 | 56.88941   | (12121808) | 465159.25 |
| 3759603.01 | 53.67188   | (12121808) |            |           |
| 465209.25  | 3759603.01 | 50.66165   | (12121808) | 465259.25 |
| 3759603.01 | 46.65211   | (12121808) |            |           |
| 465309.25  | 3759603.01 | 42.41341   | (12121808) | 465359.25 |
| 3759603.01 | 38.52712   | (12121808) |            |           |
| 465409.25  | 3759603.01 | 36.36202   | (12121808) | 465459.25 |
| 3759603.01 | 33.50511   | (13020608) |            |           |
| 465509.25  | 3759603.01 | 32.05941   | (13020608) | 464959.25 |
| 3759653.01 | 80.10241   | (12121808) |            |           |
| 465009.25  | 3759653.01 | 60.68971   | (12121808) | 465059.25 |
| 3759653.01 | 62.86352   | (12121808) |            |           |
| 465109.25  | 3759653.01 | 55.78222   | (13020608) | 465159.25 |
| 3759653.01 | 52.09829   | (13020608) |            |           |
| 465209.25  | 3759653.01 | 48.98871   | (13020608) | 465259.25 |
| 3759653.01 | 45.40618   | (13020608) |            |           |
| 465309.25  | 3759653.01 | 41.91161   | (13020608) | 465359.25 |
| 3759653.01 | 39.29232   | (13020608) |            |           |
| 465409.25  | 3759653.01 | 36.07397   | (13020608) | 465459.25 |
| 3759653.01 | 33.60622   | (13020508) |            |           |
| 465509.25  | 3759653.01 | 31.94961   | (13020508) | 464959.25 |
| 3759703.01 | 87.00274   | (13020508) |            |           |
| 465009.25  | 3759703.01 | 74.41543   | (13020508) | 465059.25 |
| 3759703.01 | 65.96714   | (13020508) |            |           |
| 465109.25  | 3759703.01 | 59.94415   | (13020508) | 465159.25 |
| 3759703.01 | 54.39050   | (13020508) |            |           |
| 465209.25  | 3759703.01 | 49.82602   | (13020508) | 465259.25 |
| 3759703.01 | 45.37260   | (13020508) |            |           |
| 465309.25  | 3759703.01 | 41.36881   | (13020508) | 465359.25 |
| 3759703.01 | 38.11897   | (13020508) |            |           |
| 465409.25  | 3759703.01 | 35.38027   | (13020508) | 465459.25 |
| 3759703.01 | 33.14661   | (13020508) |            |           |
| 465509.25  | 3759703.01 | 31.30030   | (13020508) | 465160.97 |
| 3759198.29 | 36.51404   | (15021808) |            |           |
| 465210.97  | 3759198.29 | 31.33165   | (15021808) | 465260.97 |
| 3759198.29 | 25.24853   | (15021808) |            |           |
| 465310.97  | 3759198.29 | 19.24077   | (15021808) | 465360.97 |
| 3759198.29 | 13.97078   | (15021808) |            |           |
| 465160.97  | 3759248.29 | 34.00470   | (15021808) | 465210.97 |
| 3759248.29 | 26.87578   | (15021808) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465260.97  | 3759248.29 | 20.13516   | (15021808) | 465310.97 |
| 3759248.29 | 14.34410   | (15021808) |            |           |
| 465360.97  | 3759248.29 | 9.79832    | (15021808) | 465160.97 |
| 3759298.29 | 28.99400   | (15021808) |            |           |
| 465210.97  | 3759298.29 | 21.06755   | (15021808) | 465260.97 |
| 3759298.29 | 14.69882   | (15021808) |            |           |
| 465310.97  | 3759298.29 | 9.84222    | (15021808) | 465360.97 |
| 3759298.29 | 6.40871    | (15021808) |            |           |
| 465160.97  | 3759348.29 | 22.21953   | (15021808) | 465210.97 |
| 3759348.29 | 15.01901   | (15021808) |            |           |
| 465260.97  | 3759348.29 | 9.75039    | (15021808) | 465310.97 |
| 3759348.29 | 8.23736    | (16011308) |            |           |
| 465360.97  | 3759348.29 | 9.60733    | (16011308) | 465160.97 |
| 3759398.29 | 15.26775   | (15021808) |            |           |
| 465210.97  | 3759398.29 | 11.02010   | (16011308) | 465260.97 |
| 3759398.29 | 12.80333   | (16011308) |            |           |
| 465310.97  | 3759398.29 | 14.51976   | (16011308) | 465360.97 |
| 3759398.29 | 16.11300   | (16011308) |            |           |
| 464719.89  | 3759036.22 | 20.80859   | (12012408) | 464769.89 |
| 3759036.22 | 27.77891   | (12012408) |            |           |
| 464819.89  | 3759036.22 | 31.43320   | (12012408) | 464869.89 |
| 3759036.22 | 31.06006   | (12012408) |            |           |
| 464919.89  | 3759036.22 | 27.61316   | (12012408) | 464969.89 |
| 3759036.22 | 25.62182   | (13121908) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: OFFROAD \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

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- - - - -
- - - - -
      464719.89   3759086.22      19.55282   (12012408)      464769.89
3759086.22      21.81262   (12012408)
      464819.89   3759086.22      34.24575   (12012408)      464869.89
3759086.22      33.48431   (12012408)
      464919.89   3759086.22      28.21733   (12012408)      464969.89
3759086.22      21.24968   (12012408)
      464719.89   3759136.22      22.73374   (12012408)      464769.89
3759136.22      24.81813   (12012408)
      464819.89   3759136.22      24.81442   (12012408)      464869.89
3759136.22      22.93898   (12012408)
      464919.89   3759136.22      19.80013   (12012408)      464969.89
3759136.22      16.09261   (12012408)
      464719.89   3759186.22      26.48993   (12012408)      464769.89
3759186.22      28.16287   (12012408)
      464819.89   3759186.22      27.22277   (12012408)      464869.89
3759186.22      24.20949   (12012408)
      464919.89   3759186.22      20.02875   (12012408)      464969.89
3759186.22      15.57219   (12012408)
      464719.89   3759236.22      31.01210   (12012408)      464769.89
3759236.22      31.90565   (12012408)
      464819.89   3759236.22      29.60191   (12012408)      464869.89
3759236.22      25.11690   (12012408)
      464919.89   3759236.22      19.81212   (12012408)

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONROAD ***
      INCLUDING SOURCE(S):      L0000081      , L0000082
, L0000083      , L0000084      , L0000085      ,
      L0000086      , L0000087      , L0000088      , L0000089      , L0000090
, L0000091      , L0000092      , L0000093      ,
      L0000094      , L0000095      , L0000096      , L0000097      , L0000098
, L0000099      , L0000100      , L0000101      ,
      L0000102      , L0000103      , L0000104      , L0000105      , L0000106
, L0000107      , L0000108      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 463865.09   | 3759834.01  | 9.18603    | (15012908) | 463915.09   |
| 3759834.01  | 9.55410     | (15012908) |            |             |
| 463965.09   | 3759834.01  | 10.01210   | (15012908) | 464015.09   |
| 3759834.01  | 10.50639    | (15012908) |            |             |
| 464065.09   | 3759834.01  | 11.28556   | (15012908) | 464115.09   |
| 3759834.01  | 12.12731    | (15012908) |            |             |
| 464165.09   | 3759834.01  | 13.24734   | (16012608) | 464215.09   |
| 3759834.01  | 15.00321    | (16012608) |            |             |
| 464265.09   | 3759834.01  | 17.30617   | (16012608) | 464315.09   |
| 3759834.01  | 20.38844    | (16012608) |            |             |
| 464365.09   | 3759834.01  | 24.36286   | (16012608) | 464415.09   |
| 3759834.01  | 30.71236    | (16012608) |            |             |
| 464465.09   | 3759834.01  | 35.20573   | (16012608) | 464515.09   |
| 3759834.01  | 46.07069    | (16012608) |            |             |
| 463865.09   | 3759884.01  | 8.26650    | (15012908) | 463915.09   |
| 3759884.01  | 9.02611     | (16012608) |            |             |
| 463965.09   | 3759884.01  | 9.93149    | (16012608) | 464015.09   |
| 3759884.01  | 10.91005    | (16012608) |            |             |
| 464065.09   | 3759884.01  | 12.03247   | (16012608) | 464115.09   |
| 3759884.01  | 13.27641    | (16012608) |            |             |
| 464165.09   | 3759884.01  | 14.75484   | (16012608) | 464215.09   |
| 3759884.01  | 16.64264    | (16012608) |            |             |
| 464265.09   | 3759884.01  | 19.08782   | (16012608) | 464315.09   |
| 3759884.01  | 23.01684    | (16012608) |            |             |
| 464365.09   | 3759884.01  | 28.39758   | (16012608) | 464415.09   |
| 3759884.01  | 33.85389    | (16012608) |            |             |
| 464465.09   | 3759884.01  | 35.00758   | (16012608) | 464515.09   |
| 3759884.01  | 43.84777    | (15121608) |            |             |
| 464565.09   | 3759884.01  | 57.15509   | (16021808) | 463865.09   |
| 3759934.01  | 9.60467     | (16012608) |            |             |
| 463915.09   | 3759934.01  | 10.45216   | (16012608) | 463965.09   |
| 3759934.01  | 11.50370    | (16012608) |            |             |
| 464115.09   | 3759934.01  | 14.19409   | (16012608) | 464165.09   |
| 3759934.01  | 15.44627    | (16012608) |            |             |
| 464215.09   | 3759934.01  | 17.03538   | (16012608) | 464265.09   |
| 3759934.01  | 20.38055    | (16012608) |            |             |
| 464315.09   | 3759934.01  | 23.94919   | (16012608) | 464365.09   |
| 3759934.01  | 26.83073    | (15012208) |            |             |
| 464415.09   | 3759934.01  | 30.82599   | (15121608) | 464465.09   |
| 3759934.01  | 37.79949    | (15121608) |            |             |
| 464515.09   | 3759934.01  | 42.47585   | (16021808) | 464565.09   |
| 3759934.01  | 41.89792    | (14021808) |            |             |
| 464665.09   | 3759934.01  | 33.97902   | (14021808) | 463865.09   |
| 3759984.01  | 11.47821    | (16012608) |            |             |
| 464115.09   | 3759984.01  | 15.95748   | (16012608) | 464165.09   |
| 3759984.01  | 15.79556    | (16012608) |            |             |
| 464215.09   | 3759984.01  | 15.90593   | (16012608) | 464265.09   |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3759984.01                                                                | 19.02453   | (15012208) |            |           |
| 464315.09                                                                 | 3759984.01 | 21.72478   | (15121608) | 464365.09 |
| 3759984.01                                                                | 26.71913   | (15121608) |            |           |
| 464415.09                                                                 | 3759984.01 | 30.91854   | (15121608) | 464465.09 |
| 3759984.01                                                                | 33.46884   | (16021808) |            |           |
| 464515.09                                                                 | 3759984.01 | 32.37854   | (16021808) | 464565.09 |
| 3759984.01                                                                | 33.80055   | (14021808) |            |           |
| 464615.09                                                                 | 3759984.01 | 30.44228   | (13021808) | 464665.09 |
| 3759984.01                                                                | 27.12429   | (13021808) |            |           |
| 464765.09                                                                 | 3759984.01 | 23.53239   | (13021808) | 464865.09 |
| 3759984.01                                                                | 20.58159   | (16011808) |            |           |
| 464915.09                                                                 | 3759984.01 | 22.15413   | (16011808) | 464165.09 |
| 3760034.01                                                                | 15.90043   | (15012208) |            |           |
| 464215.09                                                                 | 3760034.01 | 15.83576   | (15121608) | 464265.09 |
| 3760034.01                                                                | 18.68831   | (15121608) |            |           |
| 464315.09                                                                 | 3760034.01 | 22.71291   | (15121608) | 464365.09 |
| 3760034.01                                                                | 25.69903   | (16021808) |            |           |
| 464415.09                                                                 | 3760034.01 | 27.53430   | (16021808) | 464465.09 |
| 3760034.01                                                                | 26.93928   | (16021808) |            |           |
| 464515.09                                                                 | 3760034.01 | 28.28251   | (14021808) | 464565.09 |
| 3760034.01                                                                | 27.27702   | (13021808) |            |           |
| 464615.09                                                                 | 3760034.01 | 25.05278   | (13021808) | 464665.09 |
| 3760034.01                                                                | 22.98009   | (13021808) |            |           |
| 464715.09                                                                 | 3760034.01 | 21.58881   | (13021808) | 464815.09 |
| 3760034.01                                                                | 19.31833   | (14021908) |            |           |
| 464865.09                                                                 | 3760034.01 | 18.74639   | (14021908) | 464915.09 |
| 3760034.01                                                                | 18.90350   | (16011808) |            |           |
| 465065.09                                                                 | 3760034.01 | 16.85025   | (16123008) | 464165.09 |
| 3760084.01                                                                | 16.56910   | (15121608) |            |           |
| 464215.09                                                                 | 3760084.01 | 17.92581   | (15121608) | 464265.09 |
| 3760084.01                                                                | 18.82334   | (15121608) |            |           |
| 464315.09                                                                 | 3760084.01 | 21.24094   | (16021808) | 464365.09 |
| 3760084.01                                                                | 22.95651   | (16021808) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 |            | ***        | 11/22/24   |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
|                                                                           |            | ***        | 14:15:48   |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ONROAD \*\*\*

INCLUDING SOURCE(S): L0000081 , L0000082

|            |            |            |            |            |            |  |
|------------|------------|------------|------------|------------|------------|--|
| , L0000083 | , L0000084 | , L0000085 | ,          |            |            |  |
|            | L0000086   | , L0000087 | , L0000088 | , L0000089 | , L0000090 |  |
| , L0000091 | , L0000092 | , L0000093 | ,          |            |            |  |
|            | L0000094   | , L0000095 | , L0000096 | , L0000097 | , L0000098 |  |
| , L0000099 | , L0000100 | , L0000101 | ,          |            |            |  |
|            | L0000102   | , L0000103 | , L0000104 | , L0000105 | , L0000106 |  |
| , L0000107 | , L0000108 | , . . .    | ,          |            |            |  |

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464415.09   | 3760084.01  | 22.80143   | (16021808) | 464465.09   |
| 3760084.01  | 23.99132    | (14021808) |            |             |
| 464515.09   | 3760084.01  | 24.05274   | (14021808) | 464565.09   |
| 3760084.01  | 23.12503    | (13021808) |            |             |
| 464615.09   | 3760084.01  | 21.50387   | (13021808) | 464665.09   |
| 3760084.01  | 19.87778    | (13021808) |            |             |
| 464715.09   | 3760084.01  | 19.56402   | (14022508) | 464865.09   |
| 3760084.01  | 17.23880    | (14021908) |            |             |
| 464915.09   | 3760084.01  | 16.84965   | (14021908) | 464965.09   |
| 3760084.01  | 16.30540    | (16010708) |            |             |
| 465015.09   | 3760084.01  | 16.21515   | (16011808) | 464115.09   |
| 3760134.01  | 17.16093    | (15121608) |            |             |
| 464165.09   | 3760134.01  | 18.27062   | (15121608) | 464215.09   |
| 3760134.01  | 18.99349    | (15121608) |            |             |
| 464265.09   | 3760134.01  | 19.20264   | (16021808) | 464315.09   |
| 3760134.01  | 19.34394    | (16021808) |            |             |
| 464365.09   | 3760134.01  | 19.38626   | (16021808) | 464415.09   |
| 3760134.01  | 20.25855    | (14021808) |            |             |
| 464465.09   | 3760134.01  | 21.43726   | (14021808) | 464515.09   |
| 3760134.01  | 20.71843    | (13021808) |            |             |
| 464565.09   | 3760134.01  | 20.19082   | (13021808) | 464615.09   |
| 3760134.01  | 18.70009    | (13021808) |            |             |
| 464665.09   | 3760134.01  | 17.46018   | (13021808) | 464715.09   |
| 3760134.01  | 17.26079    | (14022508) |            |             |
| 464765.09   | 3760134.01  | 16.87003   | (14022508) | 464815.09   |
| 3760134.01  | 15.57883    | (15122908) |            |             |
| 464865.09   | 3760134.01  | 14.64891   | (15122908) | 464915.09   |
| 3760134.01  | 15.27566    | (14021908) |            |             |
| 464965.09   | 3760134.01  | 14.91703   | (16010708) | 465015.09   |
| 3760134.01  | 14.46330    | (16010708) |            |             |
| 465065.09   | 3760134.01  | 13.93894   | (16011808) | 463865.09   |
| 3760184.01  | 23.36180    | (14010808) |            |             |
| 464015.09   | 3760184.01  | 17.89663   | (14010808) | 464065.09   |
| 3760184.01  | 18.38194    | (12121408) |            |             |
| 464115.09   | 3760184.01  | 18.78743   | (15121608) | 464165.09   |
| 3760184.01  | 19.26891    | (15121608) |            |             |
| 464215.09   | 3760184.01  | 18.51036   | (16021808) | 464265.09   |
| 3760184.01  | 18.66513    | (16021808) |            |             |
| 464315.09   | 3760184.01  | 17.43910   | (16021808) | 464365.09   |
| 3760184.01  | 17.05039    | (14021808) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464415.09  | 3760184.01 | 18.50063   | (14021808) | 464465.09 |
| 3760184.01 | 18.63272   | (14021808) |            |           |
| 464515.09  | 3760184.01 | 18.64292   | (13021808) | 464565.09 |
| 3760184.01 | 17.70281   | (13021808) |            |           |
| 464615.09  | 3760184.01 | 16.51243   | (13021808) | 464665.09 |
| 3760184.01 | 15.45361   | (13021808) |            |           |
| 464715.09  | 3760184.01 | 15.58501   | (14022508) | 464865.09 |
| 3760184.01 | 13.70277   | (15122908) |            |           |
| 464915.09  | 3760184.01 | 13.14454   | (14021908) | 464965.09 |
| 3760184.01 | 13.29384   | (14021908) |            |           |
| 465015.09  | 3760184.01 | 13.43930   | (16010708) | 465065.09 |
| 3760184.01 | 12.81212   | (16010708) |            |           |
| 463865.09  | 3760234.01 | 27.17483   | (14020608) | 463915.09 |
| 3760234.01 | 25.69414   | (14020608) |            |           |
| 463965.09  | 3760234.01 | 23.39063   | (14020608) | 464015.09 |
| 3760234.01 | 21.47111   | (16120608) |            |           |
| 464065.09  | 3760234.01 | 21.87278   | (16120608) | 464115.09 |
| 3760234.01 | 19.27545   | (15121608) |            |           |
| 464165.09  | 3760234.01 | 18.15961   | (16021808) | 464215.09 |
| 3760234.01 | 17.84065   | (16021808) |            |           |
| 464265.09  | 3760234.01 | 16.54612   | (16021808) | 464315.09 |
| 3760234.01 | 16.79595   | (14021808) |            |           |
| 464365.09  | 3760234.01 | 17.52816   | (14021808) | 464415.09 |
| 3760234.01 | 16.82673   | (14021808) |            |           |
| 464465.09  | 3760234.01 | 16.68647   | (13021808) | 464515.09 |
| 3760234.01 | 16.77883   | (13021808) |            |           |
| 464565.09  | 3760234.01 | 15.71585   | (13021808) | 464615.09 |
| 3760234.01 | 14.73378   | (13021808) |            |           |
| 464665.09  | 3760234.01 | 13.75573   | (13021808) | 464715.09 |
| 3760234.01 | 14.02138   | (14022508) |            |           |
| 464765.09  | 3760234.01 | 14.57897   | (14022508) | 464865.09 |
| 3760234.01 | 13.01069   | (15122908) |            |           |
| 464915.09  | 3760234.01 | 11.97337   | (14022508) | 464965.09 |
| 3760234.01 | 12.00976   | (14021908) |            |           |
| 465015.09  | 3760234.01 | 12.20007   | (16010708) | 465065.09 |
| 3760234.01 | 12.08733   | (16010708) |            |           |
| 463865.09  | 3760284.01 | 28.19552   | (14020608) | 463915.09 |
| 3760284.01 | 26.85839   | (14020608) |            |           |
| 463965.09  | 3760284.01 | 23.30706   | (14020608) | 464015.09 |
| 3760284.01 | 23.69638   | (16120608) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082

|            |            |            |   |          |            |            |
|------------|------------|------------|---|----------|------------|------------|
| , L0000083 | , L0000084 | , L0000085 | , |          |            |            |
|            | L0000086   | , L0000087 | , | L0000088 | , L0000089 | , L0000090 |
| , L0000091 | , L0000092 | , L0000093 | , |          |            |            |
|            | L0000094   | , L0000095 | , | L0000096 | , L0000097 | , L0000098 |
| , L0000099 | , L0000100 | , L0000101 | , |          |            |            |
|            | L0000102   | , L0000103 | , | L0000104 | , L0000105 | , L0000106 |
| , L0000107 | , L0000108 | , . . .    | , |          |            |            |

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464065.09   | 3760284.01  | 22.87706   | (16120608) | 464115.09   |
| 3760284.01  | 19.91399    | (16120608) |            |             |
| 464165.09   | 3760284.01  | 18.16280   | (13020708) | 464215.09   |
| 3760284.01  | 17.00494    | (13020708) |            |             |
| 464265.09   | 3760284.01  | 16.96972   | (15121408) | 464315.09   |
| 3760284.01  | 16.86749    | (14021808) |            |             |
| 464365.09   | 3760284.01  | 16.84484   | (14021808) | 464415.09   |
| 3760284.01  | 15.43790    | (14021808) |            |             |
| 464465.09   | 3760284.01  | 15.05878   | (13021808) | 464515.09   |
| 3760284.01  | 14.82177    | (13021808) |            |             |
| 464565.09   | 3760284.01  | 14.08582   | (13021808) | 464615.09   |
| 3760284.01  | 13.21374    | (13021808) |            |             |
| 464665.09   | 3760284.01  | 12.31743   | (13021808) | 464715.09   |
| 3760284.01  | 12.69326    | (14022508) |            |             |
| 464915.09   | 3760284.01  | 11.31029   | (14022508) | 464965.09   |
| 3760284.01  | 10.80533    | (14022508) |            |             |
| 465015.09   | 3760284.01  | 10.78027   | (16010708) | 465065.09   |
| 3760284.01  | 11.13328    | (16010708) |            |             |
| 463865.09   | 3760334.01  | 24.90900   | (14020608) | 463915.09   |
| 3760334.01  | 23.79364    | (14020608) |            |             |
| 463965.09   | 3760334.01  | 23.84022   | (16120608) | 464015.09   |
| 3760334.01  | 23.43830    | (16120608) |            |             |
| 464065.09   | 3760334.01  | 21.41249   | (16120608) | 464115.09   |
| 3760334.01  | 20.10685    | (13020708) |            |             |
| 464165.09   | 3760334.01  | 20.10083   | (13020708) | 464215.09   |
| 3760334.01  | 18.50203    | (12021308) |            |             |
| 464265.09   | 3760334.01  | 16.98902   | (12120608) | 464315.09   |
| 3760334.01  | 16.77094    | (14021808) |            |             |
| 464365.09   | 3760334.01  | 15.50683   | (14021808) | 464415.09   |
| 3760334.01  | 14.85504    | (13021808) |            |             |
| 464465.09   | 3760334.01  | 13.90788   | (13021808) | 464515.09   |
| 3760334.01  | 13.36076    | (13021808) |            |             |
| 464565.09   | 3760334.01  | 12.70472   | (13021808) | 464615.09   |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3760334.01                                                                | 11.92032   | (13021808) |            |           |
| 464665.09                                                                 | 3760334.01 | 11.11013   | (13021808) | 464715.09 |
| 3760334.01                                                                | 11.37495   | (14022508) |            |           |
| 464765.09                                                                 | 3760334.01 | 11.95274   | (14022508) | 464815.09 |
| 3760334.01                                                                | 11.98220   | (14022508) |            |           |
| 464865.09                                                                 | 3760334.01 | 11.45363   | (14022508) | 464915.09 |
| 3760334.01                                                                | 10.72912   | (14022508) |            |           |
| 465397.36                                                                 | 3759591.35 | 33.75052   | (12121808) | 464972.42 |
| 3759234.75                                                                | 16.33310   | (12012408) |            |           |
| 465022.42                                                                 | 3759234.75 | 20.06769   | (12012408) | 464872.42 |
| 3759284.75                                                                | 16.47473   | (12112308) |            |           |
| 464922.42                                                                 | 3759284.75 | 19.17136   | (12012408) | 464972.42 |
| 3759284.75                                                                | 21.69364   | (12012408) |            |           |
| 465022.42                                                                 | 3759284.75 | 23.73366   | (12012408) | 465072.42 |
| 3759284.75                                                                | 24.91864   | (12012408) |            |           |
| 464872.42                                                                 | 3759334.75 | 18.29828   | (12112308) | 464922.42 |
| 3759334.75                                                                | 23.14023   | (12012408) |            |           |
| 464972.42                                                                 | 3759334.75 | 25.35964   | (12012408) | 465022.42 |
| 3759334.75                                                                | 27.12613   | (13121908) |            |           |
| 465072.42                                                                 | 3759334.75 | 31.10544   | (15021808) | 465122.42 |
| 3759334.75                                                                | 34.97634   | (15021808) |            |           |
| 464922.42                                                                 | 3759384.75 | 26.35663   | (12012408) | 464972.42 |
| 3759384.75                                                                | 30.23947   | (13121908) |            |           |
| 465022.42                                                                 | 3759384.75 | 34.09454   | (15021808) | 465072.42 |
| 3759384.75                                                                | 38.94200   | (15021808) |            |           |
| 465122.42                                                                 | 3759384.75 | 43.02635   | (15021808) | 464922.42 |
| 3759434.75                                                                | 29.67932   | (12012408) |            |           |
| 464972.42                                                                 | 3759434.75 | 37.33599   | (15021808) | 465122.42 |
| 3759434.75                                                                | 58.25087   | (12113008) |            |           |
| 465172.42                                                                 | 3759434.75 | 77.44951   | (12113008) | 463750.66 |
| 3758798.89                                                                | 5.54803    | (14011708) |            |           |
| 463800.66                                                                 | 3758798.89 | 5.74842    | (16020908) | 463850.66 |
| 3758798.89                                                                | 5.92151    | (16020908) |            |           |
| 463900.66                                                                 | 3758798.89 | 6.06388    | (16020908) | 463950.66 |
| 3758798.89                                                                | 6.16654    | (16020908) |            |           |
| 464000.66                                                                 | 3758798.89 | 6.31401    | (15021208) | 464050.66 |
| 3758798.89                                                                | 6.53299    | (15021208) |            |           |
| 464100.66                                                                 | 3758798.89 | 6.70041    | (15021208) | 464150.66 |
| 3758798.89                                                                | 6.82043    | (15021208) |            |           |
| 464200.66                                                                 | 3758798.89 | 6.87102    | (15021208) | 464250.66 |
| 3758798.89                                                                | 7.12274    | (15121508) |            |           |
| 464300.66                                                                 | 3758798.89 | 7.55318    | (15121508) | 464350.66 |
| 3758798.89                                                                | 7.80334    | (15121508) |            |           |
| 464400.66                                                                 | 3758798.89 | 8.00631    | (15121508) | 464450.66 |
| 3758798.89                                                                | 8.11934    | (15121508) |            |           |
| 464500.66                                                                 | 3758798.89 | 8.39522    | (15121508) | 464550.66 |
| 3758798.89                                                                | 9.25777    | (14011008) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 | ***        | 11/22/24   |            |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
|                                                                           | ***        | 14:15:48   |            |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464600.66   | 3758798.89  | 9.93335    | (14011008) | 464650.66   |
| 3758798.89  | 10.21716    | (14011008) |            |             |
| 464700.66   | 3758798.89  | 10.30968   | (14011008) | 464750.66   |
| 3758798.89  | 8.61210     | (13121808) |            |             |
| 463750.66   | 3758838.89  | 5.71863    | (13121708) | 463800.66   |
| 3758838.89  | 5.79950     | (13121708) |            |             |
| 463850.66   | 3758838.89  | 5.99719    | (16020908) | 463900.66   |
| 3758838.89  | 6.17313     | (16020908) |            |             |
| 463950.66   | 3758838.89  | 6.30051    | (16020908) | 464000.66   |
| 3758838.89  | 6.43161     | (16020908) |            |             |
| 464050.66   | 3758838.89  | 6.61632    | (15021208) | 464100.66   |
| 3758838.89  | 6.82672     | (15021208) |            |             |
| 464150.66   | 3758838.89  | 6.98038    | (15021208) | 464200.66   |
| 3758838.89  | 7.10863     | (16021108) |            |             |
| 464250.66   | 3758838.89  | 7.27273    | (14123008) | 464300.66   |
| 3758838.89  | 7.73599     | (15121508) |            |             |
| 464350.66   | 3758838.89  | 7.96558    | (15121508) | 464400.66   |
| 3758838.89  | 8.22336     | (15121508) |            |             |
| 464450.66   | 3758838.89  | 8.36463    | (15121508) | 464500.66   |
| 3758838.89  | 8.44663     | (15121508) |            |             |
| 464550.66   | 3758838.89  | 9.39572    | (14011008) | 464600.66   |
| 3758838.89  | 10.13614    | (14011008) |            |             |
| 464650.66   | 3758838.89  | 10.57487   | (14011008) | 464700.66   |
| 3758838.89  | 10.73086    | (14011008) |            |             |
| 464750.66   | 3758838.89  | 8.99704    | (13121808) | 463750.66   |
| 3758878.89  | 5.88109     | (13121708) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
|            | 463800.66 | 3758878.89          | 5.98559  | (13121708) | 463850.66 |
| 3758878.89 |           | 6.08044 (13121708)  |          |            |           |
|            | 463900.66 | 3758878.89          | 6.26148  | (16020908) | 463950.66 |
| 3758878.89 |           | 6.44451 (16020908)  |          |            |           |
|            | 464000.66 | 3758878.89          | 6.59882  | (16020908) | 464050.66 |
| 3758878.89 |           | 6.71869 (16020908)  |          |            |           |
|            | 464100.66 | 3758878.89          | 7.00651  | (15021208) | 464150.66 |
| 3758878.89 |           | 7.19955 (15021208)  |          |            |           |
|            | 464200.66 | 3758878.89          | 7.36446  | (16021108) | 464250.66 |
| 3758878.89 |           | 7.42453 (16021108)  |          |            |           |
|            | 464300.66 | 3758878.89          | 7.81723  | (15121508) | 464350.66 |
| 3758878.89 |           | 8.22418 (15121508)  |          |            |           |
|            | 464400.66 | 3758878.89          | 8.45875  | (15121508) | 464450.66 |
| 3758878.89 |           | 8.62340 (15121508)  |          |            |           |
|            | 464500.66 | 3758878.89          | 8.60444  | (15121508) | 464550.66 |
| 3758878.89 |           | 9.48653 (14011008)  |          |            |           |
|            | 464600.66 | 3758878.89          | 10.41558 | (14011008) | 464650.66 |
| 3758878.89 |           | 10.97865 (14011008) |          |            |           |
|            | 464700.66 | 3758878.89          | 11.22511 | (14011008) | 464750.66 |
| 3758878.89 |           | 11.37167 (13121808) |          |            |           |
|            | 463750.66 | 3758918.89          | 6.02025  | (13121708) | 463800.66 |
| 3758918.89 |           | 6.15268 (13121708)  |          |            |           |
|            | 463850.66 | 3758918.89          | 6.27432  | (13121708) | 463900.66 |
| 3758918.89 |           | 6.38252 (13121708)  |          |            |           |
|            | 463950.66 | 3758918.89          | 6.54904  | (16020908) | 464000.66 |
| 3758918.89 |           | 6.73767 (16020908)  |          |            |           |
|            | 464050.66 | 3758918.89          | 6.89900  | (16020908) | 464100.66 |
| 3758918.89 |           | 7.11038 (15021208)  |          |            |           |
|            | 464150.66 | 3758918.89          | 7.35017  | (15021208) | 464200.66 |
| 3758918.89 |           | 7.52222 (15021208)  |          |            |           |
|            | 464250.66 | 3758918.89          | 7.74686  | (16021108) | 464300.66 |
| 3758918.89 |           | 8.01694 (14123008)  |          |            |           |
|            | 464350.66 | 3758918.89          | 8.39132  | (15121508) | 464400.66 |
| 3758918.89 |           | 8.67378 (15121508)  |          |            |           |
|            | 464450.66 | 3758918.89          | 8.77871  | (15121508) | 464500.66 |
| 3758918.89 |           | 8.77642 (15121508)  |          |            |           |
|            | 464550.66 | 3758918.89          | 9.70813  | (14011008) | 464600.66 |
| 3758918.89 |           | 10.64592 (14011008) |          |            |           |
|            | 464650.66 | 3758918.89          | 11.32546 | (14011008) | 464700.66 |
| 3758918.89 |           | 11.73036 (14011008) |          |            |           |
|            | 464750.66 | 3758918.89          | 12.17433 | (13121808) | 463750.66 |
| 3758958.89 |           | 6.13929 (13121708)  |          |            |           |
|            | 463800.66 | 3758958.89          | 6.29802  | (13121708) | 463850.66 |
| 3758958.89 |           | 6.44817 (13121708)  |          |            |           |
|            | 463900.66 | 3758958.89          | 6.58188  | (13121708) | 463950.66 |
| 3758958.89 |           | 6.70851 (13121708)  |          |            |           |
|            | 464000.66 | 3758958.89          | 6.89607  | (16020908) | 464050.66 |
| 3758958.89 |           | 7.08481 (16020908)  |          |            |           |
|            | 464100.66 | 3758958.89          | 7.22542  | (16020908) | 464150.66 |
| 3758958.89 |           | 7.48440 (15021208)  |          |            |           |
|            | 464200.66 | 3758958.89          | 7.70805  | (15021208) | 464250.66 |

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure *** 11/22/24
*** AERMET - VERSION 16216 *** ***
*** 14:15:48

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\*\*\* MODELOPTs: ReqDFAULT CONC ELEV URBAN ADJ U\*

| VALUES FOR SOURCE GROUP: |            | ONROAD               | *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION *** |
|--------------------------|------------|----------------------|----------------------------------------------------|
|                          |            | INCLUDING SOURCE(S): | L0000081 , L0000082                                |
| , L0000083               | , L0000084 | , L0000085           | , L0000086                                         |
|                          |            | , L0000087           | , L0000088 , L0000089 , L0000090                   |
| , L0000091               | , L0000092 | , L0000093           | , L0000094                                         |
|                          |            | , L0000095           | , L0000096 , L0000097 , L0000098                   |
| , L0000099               | , L0000100 | , L0000101           | , L0000102                                         |
|                          |            | , L0000103           | , L0000104 , L0000105 , L0000106                   |
| , L0000107               | , L0000108 | , . . .              | , . . .                                            |

\* \* \*

\* \*

| X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|----------|------------|-------------|
| 464400.66   | 3758958.89  | 8.99870  | (15121508) | 464450.66   |
| 464500.66   | 3758958.89  | 9.21161  | (15121508) | 464550.66   |
| 464600.66   | 3758958.89  | 10.92584 | (14011008) | 464650.66   |
| 464700.66   | 3758958.89  | 12.33166 | (14011008) | 464750.66   |
| 463750.66   | 3758998.89  | 6.27592  | (15021308) | 463800.66   |
| 463850.66   | 3758998.89  | 6.59836  | (13121708) | 463900.66   |
| 463950.66   | 3758998.89  | 6.91616  | (13121708) | 464000.66   |
| 464050.66   | 3758998.89  | 7.23520  | (16020908) | 464100.66   |
| 464150.66   | 3758998.89  | 7.60401  | (16020908) | 464200.66   |
| 464250.66   | 3758998.89  | 8.25995  | (16021108) | 464300.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3758998.89 | 8.52349    | (16021108) |            |           |
| 464350.66  | 3758998.89 | 8.89083    | (14123008) | 464400.66 |
| 3758998.89 | 9.24646    | (15121508) |            |           |
| 464450.66  | 3758998.89 | 9.49389    | (15121508) | 464500.66 |
| 3758998.89 | 9.54644    | (15121508) |            |           |
| 464550.66  | 3758998.89 | 10.19905   | (14011008) | 464600.66 |
| 3758998.89 | 11.38884   | (14011008) |            |           |
| 464650.66  | 3758998.89 | 12.40359   | (14011008) | 464700.66 |
| 3758998.89 | 12.88646   | (14011008) |            |           |
| 464750.66  | 3758998.89 | 13.26942   | (13121808) | 463750.66 |
| 3759038.89 | 6.38811    | (15021308) |            |           |
| 463800.66  | 3759038.89 | 6.57486    | (15021308) | 463850.66 |
| 3759038.89 | 6.75312    | (15021308) |            |           |
| 463900.66  | 3759038.89 | 6.93289    | (13121708) | 463950.66 |
| 3759038.89 | 7.10996    | (13121708) |            |           |
| 464000.66  | 3759038.89 | 7.27928    | (13121708) | 464050.66 |
| 3759038.89 | 7.43866    | (13121708) |            |           |
| 464100.66  | 3759038.89 | 7.60606    | (16020908) | 464150.66 |
| 3759038.89 | 7.80992    | (16020908) |            |           |
| 464200.66  | 3759038.89 | 8.14320    | (15021208) | 464250.66 |
| 3759038.89 | 8.54578    | (16021108) |            |           |
| 464300.66  | 3759038.89 | 8.95866    | (16021108) | 464350.66 |
| 3759038.89 | 9.23417    | (12121208) |            |           |
| 464400.66  | 3759038.89 | 9.62108    | (15121508) | 464450.66 |
| 3759038.89 | 9.78703    | (15121508) |            |           |
| 464500.66  | 3759038.89 | 9.91173    | (15121508) | 464550.66 |
| 3759038.89 | 10.57288   | (14011008) |            |           |
| 464600.66  | 3759038.89 | 11.90585   | (14011008) | 464650.66 |
| 3759038.89 | 12.84136   | (14011008) |            |           |
| 464700.66  | 3759038.89 | 12.32351   | (13121808) | 463750.66 |
| 3759078.89 | 6.44101    | (15021308) |            |           |
| 463800.66  | 3759078.89 | 6.69132    | (15021308) | 463850.66 |
| 3759078.89 | 6.90063    | (15021308) |            |           |
| 463900.66  | 3759078.89 | 7.09951    | (15021308) | 463950.66 |
| 3759078.89 | 7.29036    | (15021308) |            |           |
| 464000.66  | 3759078.89 | 7.48892    | (13121708) | 464050.66 |
| 3759078.89 | 7.67357    | (13121708) |            |           |
| 464100.66  | 3759078.89 | 7.85172    | (13121708) | 464150.66 |
| 3759078.89 | 8.05559    | (16020908) |            |           |
| 464200.66  | 3759078.89 | 8.39209    | (15021208) | 464250.66 |
| 3759078.89 | 8.83631    | (15021208) |            |           |
| 464300.66  | 3759078.89 | 9.39769    | (16021108) | 464350.66 |
| 3759078.89 | 9.74777    | (16021108) |            |           |
| 464400.66  | 3759078.89 | 10.02768   | (14123008) | 464450.66 |
| 3759078.89 | 10.27105   | (15121508) |            |           |
| 464500.66  | 3759078.89 | 10.46740   | (15121508) | 464550.66 |
| 3759078.89 | 11.02024   | (14011008) |            |           |
| 464600.66  | 3759078.89 | 12.41452   | (14011008) | 464650.66 |
| 3759078.89 | 12.48554   | (14011008) |            |           |
| 463750.66  | 3759118.89 | 6.52309    | (15012308) | 463800.66 |
| 3759118.89 | 6.74515    | (15021308) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 463850.66  | 3759118.89 | 7.02163    | (15021308) | 463900.66 |
| 3759118.89 | 7.25505    | (15021308) |            |           |
| 463950.66  | 3759118.89 | 7.48523    | (15021308) | 464000.66 |
| 3759118.89 | 7.69478    | (15021308) |            |           |
| 464050.66  | 3759118.89 | 7.90735    | (13121708) | 464100.66 |
| 3759118.89 | 8.10786    | (13121708) |            |           |
| 464150.66  | 3759118.89 | 8.31295    | (13121708) | 464200.66 |
| 3759118.89 | 8.55553    | (16020908) |            |           |
| 464250.66  | 3759118.89 | 9.07766    | (15021208) | 464300.66 |
| 3759118.89 | 9.82879    | (16021108) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464350.66   | 3759118.89  | 10.31360   | (16021108) | 464400.66   |
| 3759118.89  | 10.43408    | (14123008) |            |             |
| 464450.66   | 3759118.89  | 10.74571   | (15121508) | 464500.66   |
| 3759118.89  | 10.84702    | (15121508) |            |             |
| 464550.66   | 3759118.89  | 11.10616   | (14011008) | 464600.66   |
| 3759118.89  | 11.67119    | (14011008) |            |             |
| 463750.66   | 3759158.89  | 6.62588    | (15012308) | 463800.66   |
| 3759158.89  | 6.85698     | (15012308) |            |             |
| 463850.66   | 3759158.89  | 7.11317    | (15021308) | 463900.66   |
| 3759158.89  | 7.38741     | (15021308) |            |             |
| 463950.66   | 3759158.89  | 7.64493    | (15021308) | 464000.66   |
| 3759158.89  | 7.90097     | (15021308) |            |             |

|            |           |                     |          |            |           |
|------------|-----------|---------------------|----------|------------|-----------|
|            | 464050.66 | 3759158.89          | 8.13544  | (15021308) | 464100.66 |
| 3759158.89 |           | 8.36043 (13121708)  |          |            |           |
|            | 464150.66 | 3759158.89          | 8.58899  | (13121708) | 464200.66 |
| 3759158.89 |           | 8.81675 (13121708)  |          |            |           |
|            | 464250.66 | 3759158.89          | 9.41333  | (14120808) | 464300.66 |
| 3759158.89 |           | 10.00309 (16021108) |          |            |           |
|            | 464350.66 | 3759158.89          | 10.63860 | (16021108) | 464400.66 |
| 3759158.89 |           | 10.90364 (12121208) |          |            |           |
|            | 464450.66 | 3759158.89          | 11.28586 | (14123008) | 464500.66 |
| 3759158.89 |           | 11.45273 (15121508) |          |            |           |
|            | 463750.66 | 3759198.89          | 6.82897  | (15012808) | 463800.66 |
| 3759198.89 |           | 7.01115 (15012808)  |          |            |           |
|            | 463850.66 | 3759198.89          | 7.24528  | (15012308) | 463900.66 |
| 3759198.89 |           | 7.48893 (15012308)  |          |            |           |
|            | 463950.66 | 3759198.89          | 7.78980  | (15021308) | 464000.66 |
| 3759198.89 |           | 8.09909 (15021308)  |          |            |           |
|            | 464050.66 | 3759198.89          | 8.37654  | (15021308) | 464100.66 |
| 3759198.89 |           | 8.63117 (15021308)  |          |            |           |
|            | 464150.66 | 3759198.89          | 8.87810  | (13121708) | 464200.66 |
| 3759198.89 |           | 9.25266 (16020908)  |          |            |           |
|            | 464250.66 | 3759198.89          | 9.86078  | (14120808) | 464300.66 |
| 3759198.89 |           | 10.29862 (14120808) |          |            |           |
|            | 464350.66 | 3759198.89          | 11.15375 | (16021108) | 464400.66 |
| 3759198.89 |           | 11.61178 (16021108) |          |            |           |
|            | 464450.66 | 3759198.89          | 11.93161 | (14123008) | 464500.66 |
| 3759198.89 |           | 12.36110 (14123008) |          |            |           |
|            | 463750.66 | 3759238.89          | 7.03338  | (15012808) | 463800.66 |
| 3759238.89 |           | 7.24868 (15012808)  |          |            |           |
|            | 463850.66 | 3759238.89          | 7.46317  | (15012808) | 463900.66 |
| 3759238.89 |           | 7.67081 (15012808)  |          |            |           |
|            | 463950.66 | 3759238.89          | 7.92398  | (15012308) | 464000.66 |
| 3759238.89 |           | 8.28272 (15021308)  |          |            |           |
|            | 464050.66 | 3759238.89          | 8.61811  | (15021308) | 464100.66 |
| 3759238.89 |           | 8.91769 (15021308)  |          |            |           |
|            | 464150.66 | 3759238.89          | 9.19504  | (13121708) | 464200.66 |
| 3759238.89 |           | 9.64152 (16020908)  |          |            |           |
|            | 464250.66 | 3759238.89          | 10.27856 | (14021408) | 464300.66 |
| 3759238.89 |           | 10.90108 (14120808) |          |            |           |
|            | 464350.66 | 3759238.89          | 11.62930 | (16021108) | 464400.66 |
| 3759238.89 |           | 12.41620 (16021108) |          |            |           |
|            | 464450.66 | 3759238.89          | 12.67340 | (12121208) | 464500.66 |
| 3759238.89 |           | 12.61677 (14123008) |          |            |           |
|            | 464550.66 | 3759238.89          | 12.02300 | (13121708) | 463750.66 |
| 3759278.89 |           | 7.26150 (12011208)  |          |            |           |
|            | 463800.66 | 3759278.89          | 7.47868  | (12011208) | 463850.66 |
| 3759278.89 |           | 7.70982 (15012808)  |          |            |           |
|            | 463900.66 | 3759278.89          | 7.95229  | (15012808) | 463950.66 |
| 3759278.89 |           | 8.19625 (15012808)  |          |            |           |
|            | 464000.66 | 3759278.89          | 8.51133  | (15021308) | 464050.66 |
| 3759278.89 |           | 8.85495 (15021308)  |          |            |           |
|            | 464100.66 | 3759278.89          | 9.21996  | (15021308) | 464150.66 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759278.89 | 9.55021    | (13121708) |            |           |
| 464200.66  | 3759278.89 | 9.88963    | (16020908) | 464250.66 |
| 3759278.89 | 10.76848   | (14021408) |            |           |
| 464300.66  | 3759278.89 | 11.61864   | (14120808) | 464350.66 |
| 3759278.89 | 12.25395   | (14120808) |            |           |
| 464400.66  | 3759278.89 | 13.02031   | (16021108) | 464450.66 |
| 3759278.89 | 11.75177   | (13121708) |            |           |
| 464500.66  | 3759278.89 | 11.79825   | (13121708) | 463750.66 |
| 3759318.89 | 7.47520    | (12011208) |            |           |
| 463800.66  | 3759318.89 | 7.73060    | (12011208) | 463850.66 |
| 3759318.89 | 7.98792    | (12011208) |            |           |
| 463900.66  | 3759318.89 | 8.24908    | (12011208) | 463950.66 |
| 3759318.89 | 8.50886    | (12011208) |            |           |
| 464000.66  | 3759318.89 | 8.78574    | (15012808) | 464050.66 |
| 3759318.89 | 9.06445    | (15021308) |            |           |
| 464100.66  | 3759318.89 | 9.45078    | (15021308) | 464150.66 |
| 3759318.89 | 9.85995    | (15021308) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464200.66   | 3759318.89  | 10.31360   | (13121708) | 464250.66   |
| 3759318.89  | 11.27075    | (14112708) |            |             |
| 464300.66   | 3759318.89  | 12.17132   | (14021408) | 464350.66   |
| 3759318.89  | 12.98697    | (14120808) |            |             |
| 464400.66   | 3759318.89  | 13.41556   | (16021108) | 464450.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759318.89 | 11.76639   | (13121708) |            |           |
| 463750.66  | 3759358.89 | 7.47128    | (14011608) | 463800.66 |
| 3759358.89 | 7.74829    | (14011608) |            |           |
| 463850.66  | 3759358.89 | 8.15192    | (12011208) | 463900.66 |
| 3759358.89 | 8.55243    | (12011208) |            |           |
| 463950.66  | 3759358.89 | 8.85337    | (12011208) | 464000.66 |
| 3759358.89 | 9.16024    | (12011208) |            |           |
| 464050.66  | 3759358.89 | 9.46874    | (12011208) | 464100.66 |
| 3759358.89 | 9.78089    | (12011208) |            |           |
| 464150.66  | 3759358.89 | 10.23737   | (15021308) | 464200.66 |
| 3759358.89 | 10.82808   | (13121708) |            |           |
| 464250.66  | 3759358.89 | 11.92278   | (14021308) | 464300.66 |
| 3759358.89 | 12.72851   | (14112708) |            |           |
| 464350.66  | 3759358.89 | 13.50510   | (14120208) | 464400.66 |
| 3759358.89 | 12.39444   | (15021308) |            |           |
| 463750.66  | 3759398.89 | 7.23410    | (14011608) | 463800.66 |
| 3759398.89 | 7.56193    | (14011608) |            |           |
| 463850.66  | 3759398.89 | 8.08439    | (14011608) | 463900.66 |
| 3759398.89 | 8.71739    | (14011608) |            |           |
| 463950.66  | 3759398.89 | 9.15672    | (12011208) | 464000.66 |
| 3759398.89 | 9.53162    | (12011208) |            |           |
| 464050.66  | 3759398.89 | 9.88295    | (12011208) | 464100.66 |
| 3759398.89 | 10.24783   | (12011208) |            |           |
| 464150.66  | 3759398.89 | 10.61774   | (12011208) | 464200.66 |
| 3759398.89 | 11.19832   | (15021308) |            |           |
| 464250.66  | 3759398.89 | 12.36953   | (14112608) | 464300.66 |
| 3759398.89 | 13.33525   | (13021408) |            |           |
| 464350.66  | 3759398.89 | 13.37278   | (14021408) | 464400.66 |
| 3759398.89 | 12.67144   | (15021308) |            |           |
| 463750.66  | 3759438.89 | 7.16635    | (14011608) | 463800.66 |
| 3759438.89 | 7.55877    | (14011608) |            |           |
| 463850.66  | 3759438.89 | 7.96241    | (14011608) | 463900.66 |
| 3759438.89 | 8.65477    | (14011608) |            |           |
| 463950.66  | 3759438.89 | 9.40635    | (14011608) | 464000.66 |
| 3759438.89 | 9.82547    | (12011208) |            |           |
| 464050.66  | 3759438.89 | 10.27915   | (12011208) | 464100.66 |
| 3759438.89 | 10.71864   | (12011208) |            |           |
| 464150.66  | 3759438.89 | 11.17359   | (12011208) | 464200.66 |
| 3759438.89 | 11.58852   | (12011208) |            |           |
| 464250.66  | 3759438.89 | 12.07466   | (15021308) | 464300.66 |
| 3759438.89 | 13.90277   | (14112608) |            |           |
| 464350.66  | 3759438.89 | 13.23530   | (12011208) | 463800.66 |
| 3759478.89 | 7.55745    | (16122608) |            |           |
| 463850.66  | 3759478.89 | 7.94470    | (14011608) | 463900.66 |
| 3759478.89 | 8.48114    | (14011608) |            |           |
| 463950.66  | 3759478.89 | 9.51702    | (14011608) | 464000.66 |
| 3759478.89 | 10.18620   | (14011608) |            |           |
| 464050.66  | 3759478.89 | 10.67559   | (14011608) | 464100.66 |
| 3759478.89 | 11.26526   | (12011208) |            |           |
| 464250.66  | 3759478.89 | 12.72681   | (12011208) | 464300.66 |
| 3759478.89 | 13.30958   | (12011208) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464350.66  | 3759478.89 | 13.90475   | (12011208) | 463850.66 |
| 3759518.89 | 8.15386    | (16122608) |            |           |
| 463900.66  | 3759518.89 | 8.59915    | (16122608) | 463950.66 |
| 3759518.89 | 9.61640    | (16122608) |            |           |
| 464000.66  | 3759518.89 | 10.47700   | (14011608) | 464050.66 |
| 3759518.89 | 11.09661   | (14011608) |            |           |
| 464300.66  | 3759518.89 | 14.19009   | (14011608) | 464350.66 |
| 3759518.89 | 14.42332   | (14011608) |            |           |
| 463900.66  | 3759558.89 | 8.76159    | (16122608) | 463950.66 |
| 3759558.89 | 9.80015    | (16122608) |            |           |
| 464000.66  | 3759558.89 | 10.56663   | (16122608) | 464350.66 |
| 3759558.89 | 15.46337   | (14011608) |            |           |
| 464400.66  | 3759558.89 | 15.97596   | (14011608) | 463950.66 |
| 3759598.89 | 9.73767    | (14011308) |            |           |
| 464517.36  | 3759346.67 | 12.19597   | (12112308) | 464567.36 |
| 3759346.67 | 12.68609   | (12112308) |            |           |
| 464617.36  | 3759346.67 | 13.19084   | (12112308) | 464517.36 |
| 3759396.67 | 13.14066   | (15012808) |            |           |
| 464567.36  | 3759396.67 | 13.67901   | (15012808) | 464617.36 |
| 3759396.67 | 14.31610   | (15012808) |            |           |
| 464517.36  | 3759446.67 | 14.22982   | (15012808) | 464567.36 |
| 3759446.67 | 14.96848   | (15012808) |            |           |
| 464617.36  | 3759446.67 | 16.02482   | (16112508) | 464694.84 |
| 3759819.76 | 89.52179   | (12113008) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |                      |           |            |           |
|------------|----------------------|-----------|------------|-----------|
| 464809.77  | 3759568.55           | 41.65169  | (13121908) | 464859.77 |
| 3759568.55 | 54.56628 (15021808)  |           |            |           |
| 464609.77  | 3759618.55           | 24.87911  | (15012908) | 464659.77 |
| 3759618.55 | 28.98181 (14120908)  |           |            |           |
| 464709.77  | 3759618.55           | 38.72296  | (13121808) | 464759.77 |
| 3759618.55 | 49.34259 (13013008)  |           |            |           |
| 464809.77  | 3759618.55           | 64.18705  | (15021808) | 464859.77 |
| 3759618.55 | 84.64304 (12113008)  |           |            |           |
| 464609.77  | 3759668.55           | 30.82149  | (15012908) | 464659.77 |
| 3759668.55 | 38.26306 (12113008)  |           |            |           |
| 464709.77  | 3759668.55           | 53.02495  | (12113008) | 464759.77 |
| 3759668.55 | 75.32529 (15021808)  |           |            |           |
| 464809.77  | 3759668.55           | 118.62526 | (12113008) | 464859.77 |
| 3759668.55 | 141.83633 (12113008) |           |            |           |
| 464609.77  | 3759718.55           | 39.81332  | (15012908) | 464659.77 |
| 3759718.55 | 60.00490 (12113008)  |           |            |           |
| 464709.77  | 3759718.55           | 97.81854  | (12113008) | 464759.77 |
| 3759718.55 | 212.37364 (12113008) |           |            |           |
| 464444.57  | 3759555.56           | 16.30604  | (14011608) | 464494.57 |
| 3759555.56 | 17.17275 (14011608)  |           |            |           |
| 464544.57  | 3759555.56           | 18.58036  | (14011608) | 464444.57 |
| 3759605.56 | 18.07616 (14011608)  |           |            |           |
| 464494.57  | 3759605.56           | 19.25088  | (14011608) | 464544.57 |
| 3759605.56 | 20.84404 (14011308)  |           |            |           |
| 464444.57  | 3759655.56           | 20.26371  | (15012908) | 464494.57 |
| 3759655.56 | 22.30459 (15012908)  |           |            |           |
| 464544.57  | 3759655.56           | 24.62756  | (15012908) | 463980.94 |
| 3759596.79 | 10.17288 (14011308)  |           |            |           |
| 464030.94  | 3759596.79           | 10.49533  | (14011308) | 464080.94 |
| 3759596.79 | 11.08589 (14011308)  |           |            |           |
| 464130.94  | 3759596.79           | 12.11269  | (14011308) | 464180.94 |
| 3759596.79 | 13.14119 (16122608)  |           |            |           |
| 464230.94  | 3759596.79           | 13.57346  | (16122608) | 464280.94 |
| 3759596.79 | 14.55899 (16122608)  |           |            |           |
| 464330.94  | 3759596.79           | 15.71820  | (14011608) | 464380.94 |
| 3759596.79 | 16.69381 (14011608)  |           |            |           |
| 463980.94  | 3759646.79           | 10.13277  | (15012908) | 464030.94 |
| 3759646.79 | 10.75958 (15012908)  |           |            |           |
| 464080.94  | 3759646.79           | 11.48436  | (15012908) | 464130.94 |
| 3759646.79 | 12.29837 (15012908)  |           |            |           |
| 464180.94  | 3759646.79           | 13.22449  | (15012908) | 464230.94 |
| 3759646.79 | 14.25267 (15012908)  |           |            |           |
| 464280.94  | 3759646.79           | 15.32046  | (15012908) | 464330.94 |
| 3759646.79 | 16.57678 (14011308)  |           |            |           |
| 464380.94  | 3759646.79           | 17.79322  | (14011308) | 463980.94 |
| 3759696.79 | 10.67102 (15012908)  |           |            |           |
| 464030.94  | 3759696.79           | 11.37488  | (15012908) | 464080.94 |
| 3759696.79 | 12.18261 (15012908)  |           |            |           |
| 464130.94  | 3759696.79           | 13.20636  | (15012908) | 464180.94 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759696.79 | 14.34785   | (15012908) |            |           |
| 464230.94  | 3759696.79 | 15.63079   | (15012908) | 464280.94 |
| 3759696.79 | 17.12638   | (15012908) |            |           |
| 464330.94  | 3759696.79 | 18.81959   | (15012908) | 464380.94 |
| 3759696.79 | 20.28286   | (15012908) |            |           |
| 464450.80  | 3759744.24 | 27.24350   | (15012908) | 464030.94 |
| 3759746.79 | 11.57529   | (15012908) |            |           |
| 464080.94  | 3759746.79 | 12.50874   | (15012908) | 464130.94 |
| 3759746.79 | 13.62630   | (15012908) |            |           |
| 464180.94  | 3759746.79 | 14.83196   | (15012908) | 464230.94 |
| 3759746.79 | 16.24141   | (15012908) |            |           |
| 464280.94  | 3759746.79 | 17.96066   | (15012908) | 464330.94 |
| 3759746.79 | 20.15942   | (15012908) |            |           |
| 464380.94  | 3759746.79 | 22.73095   | (15012908) | 463980.94 |
| 3759796.79 | 10.57450   | (15012908) |            |           |
| 464030.94  | 3759796.79 | 11.31495   | (15012908) | 464080.94 |
| 3759796.79 | 12.26778   | (15012908) |            |           |
| 464130.94  | 3759796.79 | 13.30343   | (15012908) | 464180.94 |
| 3759796.79 | 14.30574   | (15012908) |            |           |
| 464230.94  | 3759796.79 | 15.72827   | (15012908) | 464280.94 |
| 3759796.79 | 17.51582   | (15012908) |            |           |
| 464330.94  | 3759796.79 | 19.95063   | (15012908) | 464380.94 |
| 3759796.79 | 23.36252   | (15012908) |            |           |
| 464788.18  | 3759737.20 | 212.53351  | (12113008) | 464838.18 |
| 3759737.20 | 104.17330  | (12113008) |            |           |
| 464888.18  | 3759737.20 | 71.58967   | (12113008) | 464938.18 |
| 3759737.20 | 55.30397   | (12113008) |            |           |
| 464988.18  | 3759737.20 | 44.82531   | (12113008) | 465038.18 |
| 3759737.20 | 40.06734   | (13112008) |            |           |
| 465088.18  | 3759737.20 | 35.62095   | (13112008) | 465138.18 |
| 3759737.20 | 32.25998   | (13112008) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
 , L0000091 , L0000092 , L0000093 ,  
 L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
 , L0000099 , L0000100 , L0000101 ,  
 L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
 , L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|-----------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - - | - - - - -  | - - - - -   |
| 3759737.20  | 465188.18   | 3759737.20  | 29.27075  | (13112008) | 465238.18   |
| 3759737.20  | 26.45222    | (13111908)  |           |            |             |
| 3759737.20  | 465288.18   | 3759737.20  | 24.09988  | (13111908) | 465338.18   |
| 3759737.20  | 21.97048    | (13111908)  |           |            |             |
| 3759787.20  | 465388.18   | 3759737.20  | 20.64911  | (13111908) | 464788.18   |
| 3759787.20  | 73.06344    | (12113008)  |           |            |             |
| 3759787.20  | 464838.18   | 3759787.20  | 55.11373  | (12113008) | 464888.18   |
| 3759787.20  | 44.80436    | (12113008)  |           |            |             |
| 3759787.20  | 464938.18   | 3759787.20  | 37.78459  | (12113008) | 464988.18   |
| 3759787.20  | 35.54839    | (13112008)  |           |            |             |
| 3759787.20  | 465038.18   | 3759787.20  | 33.34206  | (13111908) | 465088.18   |
| 3759787.20  | 30.41827    | (13111908)  |           |            |             |
| 3759787.20  | 465138.18   | 3759787.20  | 27.95126  | (13111908) | 465188.18   |
| 3759787.20  | 25.52395    | (13111908)  |           |            |             |
| 3759787.20  | 465238.18   | 3759787.20  | 24.25120  | (13111908) | 465288.18   |
| 3759787.20  | 22.28259    | (13111908)  |           |            |             |
| 3759787.20  | 465338.18   | 3759787.20  | 20.58128  | (13111908) | 465388.18   |
| 3759787.20  | 19.79804    | (13111908)  |           |            |             |
| 3759837.20  | 464788.18   | 3759837.20  | 42.78737  | (12113008) | 464838.18   |
| 3759837.20  | 36.33975    | (12113008)  |           |            |             |
| 3759837.20  | 464888.18   | 3759837.20  | 31.72162  | (12113008) | 464938.18   |
| 3759837.20  | 33.04946    | (13112108)  |           |            |             |
| 3759837.20  | 464988.18   | 3759837.20  | 31.81149  | (13112108) | 465038.18   |
| 3759837.20  | 30.21593    | (13112108)  |           |            |             |
| 3759837.20  | 465088.18   | 3759837.20  | 27.54630  | (13112108) | 465138.18   |
| 3759837.20  | 24.98600    | (13112108)  |           |            |             |
| 3759837.20  | 465188.18   | 3759837.20  | 23.05305  | (13112108) | 465238.18   |
| 3759837.20  | 21.73581    | (13112108)  |           |            |             |
| 3759837.20  | 465288.18   | 3759837.20  | 19.64493  | (13112108) | 465338.18   |
| 3759837.20  | 18.33242    | (15012108)  |           |            |             |
| 3759887.20  | 465388.18   | 3759837.20  | 17.63372  | (15012108) | 464788.18   |
| 3759887.20  | 30.76757    | (13021808)  |           |            |             |
| 3759887.20  | 464838.18   | 3759887.20  | 27.89454  | (13021808) | 464888.18   |
| 3759887.20  | 25.96468    | (13021808)  |           |            |             |
| 3759887.20  | 464938.18   | 3759887.20  | 27.50968  | (14013008) | 464988.18   |
| 3759887.20  | 26.65840    | (14013008)  |           |            |             |
| 3759887.20  | 465038.18   | 3759887.20  | 24.75725  | (14013008) | 465088.18   |
| 3759887.20  | 23.00212    | (13112108)  |           |            |             |
| 3759887.20  | 465138.18   | 3759887.20  | 21.68183  | (13112108) | 465188.18   |
| 3759887.20  | 20.61533    | (13112108)  |           |            |             |
| 3759887.20  | 465238.18   | 3759887.20  | 19.55700  | (13112108) | 465288.18   |
| 3759887.20  | 18.70472    | (13112108)  |           |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465338.18  | 3759887.20 | 16.69272   | (13112108) | 465388.18 |
| 3759887.20 | 16.95176   | (13112108) |            |           |
| 464788.18  | 3759937.20 | 26.09338   | (13021808) | 464838.18 |
| 3759937.20 | 23.78955   | (13021808) |            |           |
| 464888.18  | 3759937.20 | 23.51871   | (16123008) | 464938.18 |
| 3759937.20 | 23.27549   | (14020708) |            |           |
| 464988.18  | 3759937.20 | 22.86225   | (14020708) | 465038.18 |
| 3759937.20 | 21.81065   | (14020708) |            |           |
| 465088.18  | 3759937.20 | 20.82675   | (14013008) | 465138.18 |
| 3759937.20 | 19.14896   | (14013008) |            |           |
| 465188.18  | 3759937.20 | 17.92973   | (14013008) | 465238.18 |
| 3759937.20 | 16.72165   | (14013008) |            |           |
| 465288.18  | 3759937.20 | 15.93919   | (13112108) | 465338.18 |
| 3759937.20 | 15.19271   | (13112108) |            |           |
| 465388.18  | 3759937.20 | 14.88082   | (13112108) | 464959.25 |
| 3759453.01 | 39.64052   | (15021808) |            |           |
| 465009.25  | 3759453.01 | 45.48677   | (15021808) | 465059.25 |
| 3759453.01 | 50.87623   | (15021808) |            |           |
| 465109.25  | 3759453.01 | 64.61440   | (12113008) | 465159.25 |
| 3759453.01 | 89.36319   | (12113008) |            |           |
| 465209.25  | 3759453.01 | 148.50199  | (12113008) | 465259.25 |
| 3759453.01 | 159.38292  | (12113008) |            |           |
| 465309.25  | 3759453.01 | 166.91116  | (12113008) | 465359.25 |
| 3759453.01 | 92.36563   | (12113008) |            |           |
| 465409.25  | 3759453.01 | 62.44604   | (12113008) | 465459.25 |
| 3759453.01 | 45.04795   | (12113008) |            |           |
| 465509.25  | 3759453.01 | 37.60059   | (14013108) | 464959.25 |
| 3759503.01 | 51.36155   | (15021808) |            |           |
| 465009.25  | 3759503.01 | 61.05352   | (12113008) | 465059.25 |
| 3759503.01 | 82.70123   | (12113008) |            |           |
| 465109.25  | 3759503.01 | 129.75966  | (12113008) | 465159.25 |
| 3759503.01 | 144.34861  | (12113008) |            |           |
| 465209.25  | 3759503.01 | 205.05694  | (12113008) | 465259.25 |
| 3759503.01 | 104.97548  | (12113008) |            |           |
| 465309.25  | 3759503.01 | 70.73096   | (12113008) | 465359.25 |
| 3759503.01 | 52.55860   | (12113008) |            |           |
| 465409.25  | 3759503.01 | 42.21451   | (12121808) | 465459.25 |
| 3759503.01 | 36.54293   | (12121808) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
 INCLUDING SOURCE(S): L0000081 , L0000082  
 , L0000083 , L0000084 , L0000085 ,  
 L0000086 , L0000087 , L0000088 , L0000089 , L0000090

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, L0000091      , L0000092      , L0000093      ,
                  L0000094      , L0000095      , L0000096      , L0000097      , L0000098
, L0000099      , L0000100      , L0000101      ,
                  L0000102      , L0000103      , L0000104      , L0000105      , L0000106
, L0000107      , L0000108      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 465509.25   | 3759503.01  | 33.42325   | (12121808) | 464959.25   |
| 3759553.01  | 76.32704    | (12113008) |            |             |
| 465009.25   | 3759553.01  | 114.93700  | (12113008) | 465059.25   |
| 3759553.01  | 179.81081   | (12113008) |            |             |
| 465109.25   | 3759553.01  | 185.19242  | (12113008) | 465159.25   |
| 3759553.01  | 118.36351   | (12113008) |            |             |
| 465209.25   | 3759553.01  | 77.68819   | (12113008) | 465259.25   |
| 3759553.01  | 57.69469    | (12113008) |            |             |
| 465309.25   | 3759553.01  | 45.33606   | (12113008) | 465359.25   |
| 3759553.01  | 38.35774    | (12121808) |            |             |
| 465409.25   | 3759553.01  | 37.53583   | (12121808) | 465459.25   |
| 3759553.01  | 33.39425    | (12121808) |            |             |
| 465509.25   | 3759553.01  | 30.67069   | (12121808) | 464959.25   |
| 3759603.01  | 194.40135   | (12113008) |            |             |
| 465009.25   | 3759603.01  | 145.71206  | (12113008) | 465059.25   |
| 3759603.01  | 134.00502   | (12113008) |            |             |
| 465109.25   | 3759603.01  | 84.17183   | (12113008) | 465159.25   |
| 3759603.01  | 61.83711    | (12113008) |            |             |
| 465209.25   | 3759603.01  | 48.70314   | (12113008) | 465259.25   |
| 3759603.01  | 42.18363    | (12121808) |            |             |
| 465309.25   | 3759603.01  | 36.25303   | (12121808) | 465359.25   |
| 3759603.01  | 31.71028    | (12121808) |            |             |
| 465409.25   | 3759603.01  | 31.21686   | (13020608) | 465459.25   |
| 3759603.01  | 28.32116    | (13020608) |            |             |
| 465509.25   | 3759603.01  | 25.98616   | (13020608) | 464959.25   |
| 3759653.01  | 154.93941   | (12113008) |            |             |
| 465009.25   | 3759653.01  | 89.76040   | (12113008) | 465059.25   |
| 3759653.01  | 65.58031    | (12113008) |            |             |
| 465109.25   | 3759653.01  | 51.23514   | (12113008) | 465159.25   |
| 3759653.01  | 41.93325    | (12113008) |            |             |
| 465209.25   | 3759653.01  | 37.36080   | (12121808) | 465259.25   |
| 3759653.01  | 32.86765    | (12121808) |            |             |
| 465309.25   | 3759653.01  | 28.60027   | (12121808) | 465359.25   |
| 3759653.01  | 26.43869    | (13020608) |            |             |
| 465409.25   | 3759653.01  | 23.45135   | (13111908) | 465459.25   |

|                                                                           |            |            |            |           |
|---------------------------------------------------------------------------|------------|------------|------------|-----------|
| 3759653.01                                                                | 21.52631   | (14013108) |            |           |
| 465509.25                                                                 | 3759653.01 | 20.46974   | (14013108) | 464959.25 |
| 3759703.01                                                                | 69.35011   | (12113008) |            |           |
| 465009.25                                                                 | 3759703.01 | 53.46872   | (12113008) | 465059.25 |
| 3759703.01                                                                | 43.54225   | (12113008) |            |           |
| 465109.25                                                                 | 3759703.01 | 37.06513   | (13112008) | 465159.25 |
| 3759703.01                                                                | 33.36419   | (13020508) |            |           |
| 465209.25                                                                 | 3759703.01 | 30.44933   | (13020508) | 465259.25 |
| 3759703.01                                                                | 27.72493   | (13112008) |            |           |
| 465309.25                                                                 | 3759703.01 | 25.08916   | (13111908) | 465359.25 |
| 3759703.01                                                                | 22.94731   | (13111908) |            |           |
| 465409.25                                                                 | 3759703.01 | 21.37302   | (13111908) | 465459.25 |
| 3759703.01                                                                | 19.77839   | (13111908) |            |           |
| 465509.25                                                                 | 3759703.01 | 19.38279   | (13111908) | 465160.97 |
| 3759198.29                                                                | 22.76884   | (12012408) |            |           |
| 465210.97                                                                 | 3759198.29 | 24.89201   | (15021808) | 465260.97 |
| 3759198.29                                                                | 27.48793   | (15021808) |            |           |
| 465310.97                                                                 | 3759198.29 | 29.19304   | (15021808) | 465360.97 |
| 3759198.29                                                                | 30.74402   | (15021808) |            |           |
| 465160.97                                                                 | 3759248.29 | 27.08101   | (15021808) | 465210.97 |
| 3759248.29                                                                | 30.03101   | (15021808) |            |           |
| 465260.97                                                                 | 3759248.29 | 32.52857   | (15021808) | 465310.97 |
| 3759248.29                                                                | 34.12552   | (15021808) |            |           |
| 465360.97                                                                 | 3759248.29 | 35.93783   | (15021808) | 465160.97 |
| 3759298.29                                                                | 33.44824   | (15021808) |            |           |
| 465210.97                                                                 | 3759298.29 | 35.42708   | (15021808) | 465260.97 |
| 3759298.29                                                                | 38.81172   | (15021808) |            |           |
| 465310.97                                                                 | 3759298.29 | 41.83988   | (15021808) | 465360.97 |
| 3759298.29                                                                | 50.15098   | (12113008) |            |           |
| 465160.97                                                                 | 3759348.29 | 39.89406   | (15021808) | 465210.97 |
| 3759348.29                                                                | 43.58280   | (15021808) |            |           |
| 465260.97                                                                 | 3759348.29 | 51.77665   | (12113008) | 465310.97 |
| 3759348.29                                                                | 66.79641   | (12113008) |            |           |
| 465360.97                                                                 | 3759348.29 | 95.87764   | (12113008) | 465160.97 |
| 3759398.29                                                                | 50.97991   | (12113008) |            |           |
| 465210.97                                                                 | 3759398.29 | 65.08090   | (12113008) | 465260.97 |
| 3759398.29                                                                | 90.80334   | (12113008) |            |           |
| 465310.97                                                                 | 3759398.29 | 155.73325  | (12113008) | 465360.97 |
| 3759398.29                                                                | 149.90470  | (12113008) |            |           |
| 464719.89                                                                 | 3759036.22 | 12.20180   | (13121808) | 464769.89 |
| 3759036.22                                                                | 12.22790   | (13121808) |            |           |
| 464819.89                                                                 | 3759036.22 | 13.06869   | (13121808) | 464869.89 |
| 3759036.22                                                                | 14.53657   | (13121808) |            |           |
| 464919.89                                                                 | 3759036.22 | 13.82200   | (13121808) | 464969.89 |
| 3759036.22                                                                | 12.04869   | (12012408) |            |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking |            |            |            |           |
| Structure                                                                 |            | ***        | 11/22/24   |           |
| *** AERMET - VERSION 16216 *** ***                                        |            |            |            |           |
|                                                                           |            | ***        | 14:15:48   |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ONROAD \*\*\*  
INCLUDING SOURCE(S): L0000081 , L0000082  
, L0000083 , L0000084 , L0000085 ,  
L0000086 , L0000087 , L0000088 , L0000089 , L0000090  
, L0000091 , L0000092 , L0000093 ,  
L0000094 , L0000095 , L0000096 , L0000097 , L0000098  
, L0000099 , L0000100 , L0000101 ,  
L0000102 , L0000103 , L0000104 , L0000105 , L0000106  
, L0000107 , L0000108 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3  
\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464719.89   | 3759086.22  | 10.20253   | (15021208) | 464769.89   |
| 3759086.22  | 10.39689    | (14021408) |            |             |
| 464819.89   | 3759086.22  | 11.34573   | (15021208) | 464869.89   |
| 3759086.22  | 12.08903    | (15021208) |            |             |
| 464919.89   | 3759086.22  | 12.22641   | (15021208) | 464969.89   |
| 3759086.22  | 12.15954    | (13121808) |            |             |
| 464719.89   | 3759136.22  | 10.62009   | (14021408) | 464769.89   |
| 3759136.22  | 10.79287    | (14021408) |            |             |
| 464819.89   | 3759136.22  | 11.09010   | (14021408) | 464869.89   |
| 3759136.22  | 11.57125    | (13121808) |            |             |
| 464919.89   | 3759136.22  | 12.06368   | (13121808) | 464969.89   |
| 3759136.22  | 12.52003    | (13121808) |            |             |
| 464719.89   | 3759186.22  | 11.34315   | (14112708) | 464769.89   |
| 3759186.22  | 11.57560    | (14021408) |            |             |
| 464819.89   | 3759186.22  | 11.90003   | (14021408) | 464869.89   |
| 3759186.22  | 12.47900    | (13121808) |            |             |
| 464919.89   | 3759186.22  | 13.04772   | (13121808) | 464969.89   |
| 3759186.22  | 13.75739    | (13121808) |            |             |
| 464719.89   | 3759236.22  | 12.18796   | (14112608) | 464769.89   |
| 3759236.22  | 12.47888    | (14112608) |            |             |
| 464819.89   | 3759236.22  | 12.87666   | (14112608) | 464869.89   |
| 3759236.22  | 13.78360    | (13121808) |            |             |
| 464919.89   | 3759236.22  | 14.94944   | (13121808) |             |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 463865.09   | 3759834.01  | 30.13311   | (15012908) | 463915.09   |
| 3759834.01  | 32.47872    | (15012908) |            |             |
| 463965.09   | 3759834.01  | 35.23209   | (15012908) | 464015.09   |
| 3759834.01  | 38.27925    | (15012908) |            |             |
| 464065.09   | 3759834.01  | 42.39210   | (15012908) | 464115.09   |
| 3759834.01  | 47.07479    | (15012908) |            |             |
| 464165.09   | 3759834.01  | 52.34622   | (15012908) | 464215.09   |
| 3759834.01  | 59.79053    | (16012608) |            |             |
| 464265.09   | 3759834.01  | 73.57569   | (16012608) | 464315.09   |
| 3759834.01  | 91.13615    | (16012608) |            |             |
| 464365.09   | 3759834.01  | 147.37156  | (16012608) | 464415.09   |
| 3759834.01  | 181.35953   | (15012208) |            |             |
| 464465.09   | 3759834.01  | 180.84331  | (16021808) | 464515.09   |
| 3759834.01  | 221.05955   | (16021808) |            |             |
| 463865.09   | 3759884.01  | 34.20230   | (15012908) | 463915.09   |
| 3759884.01  | 30.91512    | (15012908) |            |             |
| 463965.09   | 3759884.01  | 33.96624   | (16012608) | 464015.09   |
| 3759884.01  | 34.88047    | (16012608) |            |             |
| 464065.09   | 3759884.01  | 40.12970   | (16012608) | 464115.09   |
| 3759884.01  | 46.34803    | (16012608) |            |             |
| 464165.09   | 3759884.01  | 53.72284   | (16012608) | 464215.09   |
| 3759884.01  | 62.51486    | (16012608) |            |             |
| 464265.09   | 3759884.01  | 72.32867   | (16012608) | 464315.09   |
| 3759884.01  | 114.98814   | (15012208) |            |             |
| 464365.09   | 3759884.01  | 129.76844  | (12121408) | 464415.09   |
| 3759884.01  | 153.59073   | (12121408) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464465.09  | 3759884.01 | 170.37018  | (15121408) | 464515.09 |
| 3759884.01 | 178.32569  | (16010408) |            |           |
| 464565.09  | 3759884.01 | 195.57565  | (16010408) | 463865.09 |
| 3759934.01 | 42.55141   | (12112808) |            |           |
| 463915.09  | 3759934.01 | 45.22143   | (12112808) | 463965.09 |
| 3759934.01 | 49.51576   | (16012608) |            |           |
| 464115.09  | 3759934.01 | 58.31243   | (16012608) | 464165.09 |
| 3759934.01 | 51.85327   | (16012608) |            |           |
| 464215.09  | 3759934.01 | 57.28422   | (16012608) | 464265.09 |
| 3759934.01 | 88.32435   | (15012208) |            |           |
| 464315.09  | 3759934.01 | 104.78851  | (12121408) | 464365.09 |
| 3759934.01 | 117.28550  | (15121608) |            |           |
| 464415.09  | 3759934.01 | 135.33536  | (12021308) | 464465.09 |
| 3759934.01 | 149.58560  | (15013008) |            |           |
| 464515.09  | 3759934.01 | 160.95638  | (16010408) | 464565.09 |
| 3759934.01 | 157.62900  | (16010408) |            |           |
| 464665.09  | 3759934.01 | 190.33699  | (15122908) | 463865.09 |
| 3759984.01 | 46.03220   | (12112808) |            |           |
| 464115.09  | 3759984.01 | 66.74841   | (15012208) | 464165.09 |
| 3759984.01 | 64.81995   | (15012208) |            |           |
| 464215.09  | 3759984.01 | 69.92145   | (15121608) | 464265.09 |
| 3759984.01 | 86.96123   | (15121608) |            |           |
| 464315.09  | 3759984.01 | 94.47419   | (15121608) | 464365.09 |
| 3759984.01 | 107.08821  | (12021308) |            |           |
| 464415.09  | 3759984.01 | 117.50557  | (12120608) | 464465.09 |
| 3759984.01 | 127.60978  | (16020108) |            |           |
| 464515.09  | 3759984.01 | 135.07666  | (16010408) | 464565.09 |
| 3759984.01 | 129.40247  | (15022008) |            |           |
| 464615.09  | 3759984.01 | 145.38933  | (14022508) | 464665.09 |
| 3759984.01 | 158.39615  | (15122908) |            |           |
| 464765.09  | 3759984.01 | 131.81764  | (14021908) | 464865.09 |
| 3759984.01 | 111.74425  | (16123008) |            |           |
| 464915.09  | 3759984.01 | 95.97328   | (16123008) | 464165.09 |
| 3760034.01 | 66.67789   | (15121608) |            |           |
| 464215.09  | 3760034.01 | 72.41032   | (15121608) | 464265.09 |
| 3760034.01 | 76.42105   | (16021808) |            |           |
| 464315.09  | 3760034.01 | 85.78792   | (12021308) | 464365.09 |
| 3760034.01 | 96.03325   | (12120608) |            |           |
| 464415.09  | 3760034.01 | 101.70844  | (15013008) | 464465.09 |
| 3760034.01 | 105.71485  | (16010408) |            |           |
| 464515.09  | 3760034.01 | 110.64406  | (16010408) | 464565.09 |
| 3760034.01 | 104.65839  | (15022008) |            |           |
| 464615.09  | 3760034.01 | 120.22370  | (14022508) | 464665.09 |
| 3760034.01 | 127.91535  | (15122908) |            |           |
| 464715.09  | 3760034.01 | 111.11318  | (15122908) | 464815.09 |
| 3760034.01 | 105.64053  | (14021908) |            |           |
| 464865.09  | 3760034.01 | 102.28416  | (16011808) | 464915.09 |
| 3760034.01 | 92.55133   | (16123008) |            |           |
| 465065.09  | 3760034.01 | 65.75789   | (14020708) | 464165.09 |
| 3760084.01 | 65.09105   | (12121408) |            |           |
| 464215.09  | 3760084.01 | 65.55294   | (16021808) | 464265.09 |

3760084.01 67.79390 (15121408)  
464315.09 3760084.01 77.11517 (12120608) 464365.09  
3760084.01 84.69985 (16121608)  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| 464415.09   | 3760084.01           | 89.84400   | (16020108) | 464465.09   |
| 3760084.01  | 95.04005 (16010408)  |            |            |             |
| 464515.09   | 3760084.01           | 89.43781   | (16010408) | 464565.09   |
| 3760084.01  | 86.01914 (15022008)  |            |            |             |
| 464615.09   | 3760084.01           | 101.56742  | (14022508) | 464665.09   |
| 3760084.01  | 103.94323 (15122908) |            |            |             |
| 464715.09   | 3760084.01           | 102.44150  | (15122908) | 464865.09   |
| 3760084.01  | 84.32314 (14021908)  |            |            |             |
| 464915.09   | 3760084.01           | 85.24055   | (16011808) | 464965.09   |
| 3760084.01  | 77.51996 (16011808)  |            |            |             |
| 465015.09   | 3760084.01           | 70.74875   | (16123008) | 464115.09   |
| 3760134.01  | 63.07916 (16120608)  |            |            |             |
| 464165.09   | 3760134.01           | 63.13705   | (13020708) | 464215.09   |
| 3760134.01  | 65.68253 (12021308)  |            |            |             |
| 464265.09   | 3760134.01           | 68.04532   | (12120608) | 464315.09   |
| 3760134.01  | 70.31720 (16121608)  |            |            |             |
| 464365.09   | 3760134.01           | 73.15475   | (16020108) | 464415.09   |
| 3760134.01  | 75.90326 (16010408)  |            |            |             |
| 464465.09   | 3760134.01           | 83.00736   | (16010408) | 464515.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3760134.01 | 72.23058   | (16010408) |            |           |
| 464565.09  | 3760134.01 | 73.97952   | (14022508) | 464615.09 |
| 3760134.01 | 87.33048   | (14022508) |            |           |
| 464665.09  | 3760134.01 | 85.16997   | (15122908) | 464715.09 |
| 3760134.01 | 91.23312   | (15122908) |            |           |
| 464765.09  | 3760134.01 | 74.39394   | (15122908) | 464815.09 |
| 3760134.01 | 81.48658   | (14021908) |            |           |
| 464865.09  | 3760134.01 | 81.26461   | (14021908) | 464915.09 |
| 3760134.01 | 71.25862   | (16011508) |            |           |
| 464965.09  | 3760134.01 | 72.35243   | (16011808) | 465015.09 |
| 3760134.01 | 66.61736   | (16011808) |            |           |
| 465065.09  | 3760134.01 | 61.47014   | (16123008) | 463865.09 |
| 3760184.01 | 65.22358   | (14020608) |            |           |
| 464015.09  | 3760184.01 | 61.36145   | (16120608) | 464065.09 |
| 3760184.01 | 60.62190   | (16120608) |            |           |
| 464115.09  | 3760184.01 | 59.10499   | (13020708) | 464165.09 |
| 3760184.01 | 63.25116   | (13020708) |            |           |
| 464215.09  | 3760184.01 | 63.95564   | (12021308) | 464265.09 |
| 3760184.01 | 65.47267   | (12120608) |            |           |
| 464315.09  | 3760184.01 | 65.45787   | (16121608) | 464365.09 |
| 3760184.01 | 65.85539   | (16020108) |            |           |
| 464415.09  | 3760184.01 | 69.93317   | (16010408) | 464465.09 |
| 3760184.01 | 70.69140   | (16010408) |            |           |
| 464515.09  | 3760184.01 | 63.98734   | (15022008) | 464565.09 |
| 3760184.01 | 65.14905   | (14022508) |            |           |
| 464615.09  | 3760184.01 | 76.19658   | (14022508) | 464665.09 |
| 3760184.01 | 70.38854   | (15122908) |            |           |
| 464715.09  | 3760184.01 | 80.15445   | (15122908) | 464865.09 |
| 3760184.01 | 72.05206   | (14021908) |            |           |
| 464915.09  | 3760184.01 | 68.23762   | (14021908) | 464965.09 |
| 3760184.01 | 60.95076   | (16011808) |            |           |
| 465015.09  | 3760184.01 | 62.60645   | (16011808) | 465065.09 |
| 3760184.01 | 58.12267   | (16011808) |            |           |
| 463865.09  | 3760234.01 | 62.21236   | (14020608) | 463915.09 |
| 3760234.01 | 60.58206   | (14020608) |            |           |
| 463965.09  | 3760234.01 | 58.16534   | (16120608) | 464015.09 |
| 3760234.01 | 58.35573   | (16120608) |            |           |
| 464065.09  | 3760234.01 | 54.59704   | (13020708) | 464115.09 |
| 3760234.01 | 58.95436   | (13020708) |            |           |
| 464165.09  | 3760234.01 | 60.18834   | (12021308) | 464215.09 |
| 3760234.01 | 60.71124   | (12120608) |            |           |
| 464265.09  | 3760234.01 | 64.33709   | (15013008) | 464315.09 |
| 3760234.01 | 63.28176   | (16020108) |            |           |
| 464365.09  | 3760234.01 | 60.36944   | (16020108) | 464415.09 |
| 3760234.01 | 63.55972   | (16010408) |            |           |
| 464465.09  | 3760234.01 | 60.36964   | (16010408) | 464515.09 |
| 3760234.01 | 57.83110   | (15022008) |            |           |
| 464565.09  | 3760234.01 | 57.96035   | (14022508) | 464615.09 |
| 3760234.01 | 67.33818   | (14022508) |            |           |
| 464665.09  | 3760234.01 | 63.20833   | (14022508) | 464715.09 |
| 3760234.01 | 70.12264   | (15122908) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464765.09  | 3760234.01 | 67.84323   | (15122908) | 464865.09 |
| 3760234.01 | 60.31925   | (14021908) |            |           |
| 464915.09  | 3760234.01 | 63.34849   | (14021908) | 464965.09 |
| 3760234.01 | 58.01182   | (14021908) |            |           |
| 465015.09  | 3760234.01 | 53.87784   | (16011808) | 465065.09 |
| 3760234.01 | 54.95607   | (16011808) |            |           |
| 463865.09  | 3760284.01 | 51.72105   | (14020608) | 463915.09 |
| 3760284.01 | 51.20141   | (16120608) |            |           |
| 463965.09  | 3760284.01 | 52.69117   | (16120608) | 464015.09 |
| 3760284.01 | 49.75831   | (16120608) |            |           |

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 Structure \*\*\* 11/22/24  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002

|            |            |            |            |            |            |  |
|------------|------------|------------|------------|------------|------------|--|
| , L0000003 | , L0000004 | , L0000005 | ,          |            |            |  |
|            | L0000006   | , L0000007 | , L0000008 | , L0000009 | , L0000010 |  |
| , L0000011 | , L0000012 | , L0000013 | ,          |            |            |  |
|            | L0000014   | , L0000015 | , L0000016 | , L0000017 | , L0000018 |  |
| , L0000019 | , L0000020 | , L0000021 | ,          |            |            |  |
|            | L0000022   | , L0000023 | , L0000024 | , L0000025 | , L0000026 |  |
| , L0000027 | , L0000028 | , . . .    | ,          |            |            |  |

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464065.09   | 3760284.01  | 54.16213   | (13020708) | 464115.09   |
| 3760284.01  | 55.91909    | (12021308) |            |             |
| 464165.09   | 3760284.01  | 55.51352   | (12021308) | 464215.09   |
| 3760284.01  | 59.09049    | (15013008) |            |             |
| 464265.09   | 3760284.01  | 59.12617   | (15013008) | 464315.09   |
| 3760284.01  | 58.59781    | (16020108) |            |             |
| 464365.09   | 3760284.01  | 56.91290   | (14121108) | 464415.09   |
| 3760284.01  | 57.93102    | (16010408) |            |             |
| 464465.09   | 3760284.01  | 50.68058   | (16010408) | 464515.09   |
| 3760284.01  | 48.45998    | (15022008) |            |             |
| 464565.09   | 3760284.01  | 52.04625   | (14022508) | 464615.09   |
| 3760284.01  | 60.09090    | (14022508) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
|            | 464665.09 | 3760284.01 | 57.53133 | (14022508) | 464715.09 |
| 3760284.01 | 60.96732  | (15122908) |          |            |           |
|            | 464915.09 | 3760284.01 | 55.46452 | (14021908) | 464965.09 |
| 3760284.01 | 55.37321  | (14021908) |          |            |           |
|            | 465015.09 | 3760284.01 | 49.55040 | (16011508) | 465065.09 |
| 3760284.01 | 47.89517  | (16011808) |          |            |           |
|            | 463865.09 | 3760334.01 | 43.41873 | (16120608) | 463915.09 |
| 3760334.01 | 44.39759  | (16120608) |          |            |           |
|            | 463965.09 | 3760334.01 | 43.71422 | (16120608) | 464015.09 |
| 3760334.01 | 47.67976  | (13020708) |          |            |           |
|            | 464065.09 | 3760334.01 | 49.99103 | (13020708) | 464115.09 |
| 3760334.01 | 52.01982  | (12021308) |          |            |           |
|            | 464165.09 | 3760334.01 | 52.70695 | (15013008) | 464215.09 |
| 3760334.01 | 56.65633  | (14020308) |          |            |           |
|            | 464265.09 | 3760334.01 | 57.49682 | (14020308) | 464315.09 |
| 3760334.01 | 56.43714  | (14012208) |          |            |           |
|            | 464365.09 | 3760334.01 | 55.70195 | (14121108) | 464415.09 |
| 3760334.01 | 52.58274  | (16010408) |          |            |           |
|            | 464465.09 | 3760334.01 | 43.78369 | (16010408) | 464515.09 |
| 3760334.01 | 41.08590  | (15022008) |          |            |           |
|            | 464565.09 | 3760334.01 | 46.98155 | (14022508) | 464615.09 |
| 3760334.01 | 53.89725  | (14022508) |          |            |           |
|            | 464665.09 | 3760334.01 | 52.25873 | (14022508) | 464715.09 |
| 3760334.01 | 52.59620  | (15122908) |          |            |           |
|            | 464765.09 | 3760334.01 | 56.20101 | (15122908) | 464815.09 |
| 3760334.01 | 51.44128  | (15122908) |          |            |           |
|            | 464865.09 | 3760334.01 | 42.43057 | (12122608) | 464915.09 |
| 3760334.01 | 46.57394  | (14021908) |          |            |           |
|            | 465397.36 | 3759591.35 | 71.97309 | (12121808) | 464972.42 |
| 3759234.75 | 40.44323  | (15021808) |          |            |           |
|            | 465022.42 | 3759234.75 | 55.01927 | (15021808) | 464872.42 |
| 3759284.75 | 46.29282  | (12012408) |          |            |           |
|            | 464922.42 | 3759284.75 | 57.59985 | (13121908) | 464972.42 |
| 3759284.75 | 62.21728  | (15021808) |          |            |           |
|            | 465022.42 | 3759284.75 | 68.10227 | (15021808) | 465072.42 |
| 3759284.75 | 68.50998  | (15021808) |          |            |           |
|            | 464872.42 | 3759334.75 | 49.87238 | (15021808) | 464922.42 |
| 3759334.75 | 71.32638  | (13121908) |          |            |           |
|            | 464972.42 | 3759334.75 | 75.95784 | (15021808) | 465022.42 |
| 3759334.75 | 75.67798  | (15021808) |          |            |           |
|            | 465072.42 | 3759334.75 | 71.81325 | (15021808) | 465122.42 |
| 3759334.75 | 65.97725  | (15021808) |          |            |           |
|            | 464922.42 | 3759384.75 | 83.89186 | (15021808) | 464972.42 |
| 3759384.75 | 85.24084  | (15021808) |          |            |           |
|            | 465022.42 | 3759384.75 | 79.66294 | (15021808) | 465072.42 |
| 3759384.75 | 72.68809  | (15021808) |          |            |           |
|            | 465122.42 | 3759384.75 | 66.44665 | (15021808) | 464922.42 |
| 3759434.75 | 91.24921  | (15021808) |          |            |           |
|            | 464972.42 | 3759434.75 | 88.80114 | (15021808) | 465122.42 |
| 3759434.75 | 71.56816  | (15021808) |          |            |           |
|            | 465172.42 | 3759434.75 | 83.92934 | (12113008) | 463750.66 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3758798.89 | 21.22618   | (14120808) |            |           |
| 463800.66  | 3758798.89 | 22.15150   | (15020908) | 463850.66 |
| 3758798.89 | 23.29476   | (16021108) |            |           |
| 463900.66  | 3758798.89 | 25.11733   | (16021108) | 463950.66 |
| 3758798.89 | 25.71672   | (16021108) |            |           |
| 464000.66  | 3758798.89 | 26.71878   | (14121908) | 464050.66 |
| 3758798.89 | 27.51914   | (12121208) |            |           |
| 464100.66  | 3758798.89 | 27.88878   | (14123008) | 464150.66 |
| 3758798.89 | 30.38229   | (15011308) |            |           |
| 464200.66  | 3758798.89 | 31.29685   | (15011308) | 464250.66 |
| 3758798.89 | 29.77420   | (15011308) |            |           |
| 464300.66  | 3758798.89 | 26.16017   | (15011308) | 464350.66 |
| 3758798.89 | 31.16322   | (14011008) |            |           |
| 464400.66  | 3758798.89 | 34.29149   | (14011008) | 464450.66 |
| 3758798.89 | 34.20780   | (14011008) |            |           |
| 464500.66  | 3758798.89 | 36.32723   | (13013008) | 464550.66 |
| 3758798.89 | 35.08541   | (13013008) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464600.66   | 3758798.89  | 34.31351   | (13121808) | 464650.66   |
| 3758798.89  | 31.20156    | (13121808) |            |             |
| 464700.66   | 3758798.89  | 26.45551   | (13121808) | 464750.66   |
| 3758798.89  | 20.17251    | (13121808) |            |             |
| 463750.66   | 3758838.89  | 22.08966   | (14120808) | 463800.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3758838.89 | 22.50570   | (14120808) |            |           |
| 463850.66  | 3758838.89 | 23.91145   | (15020908) | 463900.66 |
| 3758838.89 | 25.38914   | (16021108) |            |           |
| 463950.66  | 3758838.89 | 26.77998   | (16021108) | 464000.66 |
| 3758838.89 | 27.17970   | (14121908) |            |           |
| 464050.66  | 3758838.89 | 28.53422   | (12121208) | 464100.66 |
| 3758838.89 | 29.06483   | (14123008) |            |           |
| 464150.66  | 3758838.89 | 30.84450   | (15011308) | 464200.66 |
| 3758838.89 | 32.85513   | (15011308) |            |           |
| 464250.66  | 3758838.89 | 32.14544   | (15011308) | 464300.66 |
| 3758838.89 | 28.90967   | (15011308) |            |           |
| 464350.66  | 3758838.89 | 31.76788   | (14011008) | 464400.66 |
| 3758838.89 | 35.65896   | (14011008) |            |           |
| 464450.66  | 3758838.89 | 36.06095   | (14011008) | 464500.66 |
| 3758838.89 | 37.92660   | (13013008) |            |           |
| 464550.66  | 3758838.89 | 36.61784   | (13013008) | 464600.66 |
| 3758838.89 | 35.91411   | (13121808) |            |           |
| 464650.66  | 3758838.89 | 32.49625   | (13121808) | 464700.66 |
| 3758838.89 | 27.31483   | (13121808) |            |           |
| 464750.66  | 3758838.89 | 20.75082   | (13121808) | 463750.66 |
| 3758878.89 | 22.71007   | (14120808) |            |           |
| 463800.66  | 3758878.89 | 23.70660   | (14120808) | 463850.66 |
| 3758878.89 | 24.27226   | (15020908) |            |           |
| 463900.66  | 3758878.89 | 25.43509   | (15020908) | 463950.66 |
| 3758878.89 | 27.62763   | (16021108) |            |           |
| 464000.66  | 3758878.89 | 28.59196   | (16021108) | 464050.66 |
| 3758878.89 | 29.53210   | (14121908) |            |           |
| 464100.66  | 3758878.89 | 30.65750   | (12121208) | 464150.66 |
| 3758878.89 | 31.25187   | (15011308) |            |           |
| 464200.66  | 3758878.89 | 34.22903   | (15011308) | 464250.66 |
| 3758878.89 | 34.39164   | (15011308) |            |           |
| 464300.66  | 3758878.89 | 31.65790   | (15011308) | 464350.66 |
| 3758878.89 | 32.34608   | (14011008) |            |           |
| 464400.66  | 3758878.89 | 37.11701   | (14011008) | 464450.66 |
| 3758878.89 | 38.04450   | (14011008) |            |           |
| 464500.66  | 3758878.89 | 39.56102   | (13013008) | 464550.66 |
| 3758878.89 | 38.34638   | (13013008) |            |           |
| 464600.66  | 3758878.89 | 37.68734   | (13121808) | 464650.66 |
| 3758878.89 | 33.89149   | (13121808) |            |           |
| 464700.66  | 3758878.89 | 28.19952   | (13121808) | 464750.66 |
| 3758878.89 | 22.62330   | (13121808) |            |           |
| 463750.66  | 3758918.89 | 23.11918   | (14120208) | 463800.66 |
| 3758918.89 | 24.19831   | (14120808) |            |           |
| 463850.66  | 3758918.89 | 25.07186   | (14120808) | 463900.66 |
| 3758918.89 | 26.26753   | (15020908) |            |           |
| 463950.66  | 3758918.89 | 27.93370   | (16021108) | 464000.66 |
| 3758918.89 | 29.85148   | (16021108) |            |           |
| 464050.66  | 3758918.89 | 30.41049   | (14121908) | 464100.66 |
| 3758918.89 | 32.10191   | (14121908) |            |           |
| 464150.66  | 3758918.89 | 32.60518   | (14123008) | 464200.66 |
| 3758918.89 | 35.24868   | (15011308) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464250.66  | 3758918.89 | 36.74670   | (15011308) | 464300.66 |
| 3758918.89 | 34.75252   | (15011308) |            |           |
| 464350.66  | 3758918.89 | 32.85213   | (14011008) | 464400.66 |
| 3758918.89 | 38.44485   | (14011008) |            |           |
| 464450.66  | 3758918.89 | 40.10027   | (14011008) | 464500.66 |
| 3758918.89 | 41.43441   | (13013008) |            |           |
| 464550.66  | 3758918.89 | 40.44581   | (13013008) | 464600.66 |
| 3758918.89 | 39.66823   | (13121808) |            |           |
| 464650.66  | 3758918.89 | 35.42031   | (13121808) | 464700.66 |
| 3758918.89 | 29.12624   | (13121808) |            |           |
| 464750.66  | 3758918.89 | 23.17484   | (13121808) | 463750.66 |
| 3758958.89 | 23.65481   | (14120208) |            |           |
| 463800.66  | 3758958.89 | 24.64023   | (13020408) | 463850.66 |
| 3758958.89 | 26.19639   | (14120808) |            |           |
| 463900.66  | 3758958.89 | 26.78615   | (14120808) | 463950.66 |
| 3758958.89 | 28.39239   | (15020908) |            |           |
| 464000.66  | 3758958.89 | 30.81648   | (16021108) | 464050.66 |
| 3758958.89 | 32.28151   | (16021108) |            |           |
| 464100.66  | 3758958.89 | 33.42152   | (14121908) | 464150.66 |
| 3758958.89 | 34.37756   | (12121208) |            |           |
| 464200.66  | 3758958.89 | 35.95353   | (15011308) | 464250.66 |
| 3758958.89 | 38.86887   | (15011308) |            |           |
| 464300.66  | 3758958.89 | 37.91513   | (15011308) | 464350.66 |
| 3758958.89 | 33.19826   | (14011008) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |

|            |           |            |          |            |           |
|------------|-----------|------------|----------|------------|-----------|
|            | 464400.66 | 3758958.89 | 39.80765 | (14011008) | 464450.66 |
| 3758958.89 | 42.46072  | (14011008) |          |            |           |
|            | 464500.66 | 3758958.89 | 43.75869 | (13013008) | 464550.66 |
| 3758958.89 | 42.82177  | (13013008) |          |            |           |
|            | 464600.66 | 3758958.89 | 41.83645 | (13121808) | 464650.66 |
| 3758958.89 | 37.10326  | (13121808) |          |            |           |
|            | 464700.66 | 3758958.89 | 30.04408 | (13121808) | 464750.66 |
| 3758958.89 | 23.69207  | (13121808) |          |            |           |
|            | 463750.66 | 3758998.89 | 24.24041 | (14021408) | 463800.66 |
| 3758998.89 | 25.57805  | (14120208) |          |            |           |
|            | 463850.66 | 3758998.89 | 26.66445 | (14120808) | 463900.66 |
| 3758998.89 | 28.20107  | (14120808) |          |            |           |
|            | 463950.66 | 3758998.89 | 29.36761 | (15020908) | 464000.66 |
| 3758998.89 | 31.06964  | (16021108) |          |            |           |
|            | 464050.66 | 3758998.89 | 33.71653 | (16021108) | 464100.66 |
| 3758998.89 | 34.40241  | (14121908) |          |            |           |
|            | 464150.66 | 3758998.89 | 36.26450 | (12121208) | 464200.66 |
| 3758998.89 | 36.87473  | (14123008) |          |            |           |
|            | 464250.66 | 3758998.89 | 40.85255 | (15011308) | 464300.66 |
| 3758998.89 | 41.17771  | (15011308) |          |            |           |
|            | 464350.66 | 3758998.89 | 37.02482 | (15011308) | 464400.66 |
| 3758998.89 | 41.28143  | (14011008) |          |            |           |
|            | 464450.66 | 3758998.89 | 44.90488 | (14011008) | 464500.66 |
| 3758998.89 | 46.03052  | (13013008) |          |            |           |
|            | 464550.66 | 3758998.89 | 45.40538 | (13013008) | 464600.66 |
| 3758998.89 | 44.21525  | (13121808) |          |            |           |
|            | 464650.66 | 3758998.89 | 38.76029 | (13121808) | 464700.66 |
| 3758998.89 | 31.04506  | (13121808) |          |            |           |
|            | 464750.66 | 3758998.89 | 24.23794 | (13121808) | 463750.66 |
| 3759038.89 | 24.90919  | (14112708) |          |            |           |
|            | 463800.66 | 3759038.89 | 26.11310 | (14021408) | 463850.66 |
| 3759038.89 | 27.59056  | (14120208) |          |            |           |
|            | 463900.66 | 3759038.89 | 29.20990 | (14120808) | 463950.66 |
| 3759038.89 | 30.51960  | (14120808) |          |            |           |
|            | 464000.66 | 3759038.89 | 32.32989 | (15020908) | 464050.66 |
| 3759038.89 | 34.58241  | (16021108) |          |            |           |
|            | 464100.66 | 3759038.89 | 36.66769 | (16021108) | 464150.66 |
| 3759038.89 | 38.25972  | (14121908) |          |            |           |
|            | 464200.66 | 3759038.89 | 39.22949 | (12121208) | 464250.66 |
| 3759038.89 | 42.39993  | (15011308) |          |            |           |
|            | 464300.66 | 3759038.89 | 44.80902 | (15011308) | 464350.66 |
| 3759038.89 | 41.76848  | (15011308) |          |            |           |
|            | 464400.66 | 3759038.89 | 42.77372 | (14011008) | 464450.66 |
| 3759038.89 | 47.39154  | (14011008) |          |            |           |
|            | 464500.66 | 3759038.89 | 48.67601 | (13013008) | 464550.66 |
| 3759038.89 | 48.72265  | (13013008) |          |            |           |
|            | 464600.66 | 3759038.89 | 46.84780 | (13121808) | 464650.66 |
| 3759038.89 | 40.73033  | (13121808) |          |            |           |
|            | 464700.66 | 3759038.89 | 32.50369 | (13121808) | 463750.66 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759078.89 | 25.38420   | (13021408) |            |           |
| 463800.66  | 3759078.89 | 26.87700   | (14112708) | 463850.66 |
| 3759078.89 | 28.42066   | (14021408) |            |           |
| 463900.66  | 3759078.89 | 30.02259   | (14120208) | 463950.66 |
| 3759078.89 | 31.91913   | (14120808) |            |           |
| 464000.66  | 3759078.89 | 33.13215   | (15020908) | 464050.66 |
| 3759078.89 | 35.84773   | (15020908) |            |           |
| 464100.66  | 3759078.89 | 38.60324   | (16021108) | 464150.66 |
| 3759078.89 | 39.77133   | (14121908) |            |           |
| 464200.66  | 3759078.89 | 41.92769   | (14121908) | 464250.66 |
| 3759078.89 | 43.79925   | (15011308) |            |           |
| 464300.66  | 3759078.89 | 48.35934   | (15011308) | 464350.66 |
| 3759078.89 | 47.14819   | (15011308) |            |           |
| 464400.66  | 3759078.89 | 44.03369   | (14011008) | 464450.66 |
| 3759078.89 | 50.34721   | (14011008) |            |           |
| 464500.66  | 3759078.89 | 51.96997   | (13013008) | 464550.66 |
| 3759078.89 | 52.80292   | (13013008) |            |           |
| 464600.66  | 3759078.89 | 49.76699   | (13121808) | 464650.66 |
| 3759078.89 | 43.09427   | (13121808) |            |           |
| 463750.66  | 3759118.89 | 26.14986   | (13021408) | 463800.66 |
| 3759118.89 | 27.60976   | (13021408) |            |           |
| 463850.66  | 3759118.89 | 29.15380   | (14112708) | 463900.66 |
| 3759118.89 | 31.10509   | (12120308) |            |           |
| 463950.66  | 3759118.89 | 32.91847   | (13020408) | 464000.66 |
| 3759118.89 | 35.24709   | (14120808) |            |           |
| 464050.66  | 3759118.89 | 37.55628   | (15020908) | 464100.66 |
| 3759118.89 | 39.57637   | (16021108) |            |           |
| 464150.66  | 3759118.89 | 42.58062   | (16021108) | 464200.66 |
| 3759118.89 | 44.77684   | (14121908) |            |           |
| 464250.66  | 3759118.89 | 45.68290   | (12121208) | 464300.66 |
| 3759118.89 | 51.71176   | (15011308) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC      | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|-------------|-----------|------------|-------------|
| - - - - -   | - - - - -   | - - - - -   | - - - - - | - - - - -  | - - - - -   |
| 3759118.89  | 464350.66   | 3759118.89  | 52.42223  | (15011308) | 464400.66   |
| 3759118.89  | 45.11180    | (14011008)  |           |            |             |
| 3759118.89  | 464450.66   | 3759118.89  | 53.33241  | (14011008) | 464500.66   |
| 3759118.89  | 54.27387    | (13013008)  |           |            |             |
| 3759118.89  | 464550.66   | 3759118.89  | 55.45702  | (13013008) | 464600.66   |
| 3759118.89  | 52.88048    | (13121808)  |           |            |             |
| 3759158.89  | 463750.66   | 3759158.89  | 26.99045  | (14112608) | 463800.66   |
| 3759158.89  | 28.38761    | (13021408)  |           |            |             |
| 3759158.89  | 463850.66   | 3759158.89  | 30.28045  | (15120208) | 463900.66   |
| 3759158.89  | 32.08686    | (14121008)  |           |            |             |
| 3759158.89  | 463950.66   | 3759158.89  | 34.48830  | (12120308) | 464000.66   |
| 3759158.89  | 36.57566    | (13020408)  |           |            |             |
| 3759158.89  | 464050.66   | 3759158.89  | 38.84733  | (14120808) | 464100.66   |
| 3759158.89  | 42.16821    | (15020908)  |           |            |             |
| 3759158.89  | 464150.66   | 3759158.89  | 44.87165  | (16021108) | 464200.66   |
| 3759158.89  | 47.34267    | (12120408)  |           |            |             |
| 3759158.89  | 464250.66   | 3759158.89  | 49.79207  | (14121908) | 464300.66   |
| 3759158.89  | 53.69550    | (15011308)  |           |            |             |
| 3759158.89  | 464350.66   | 3759158.89  | 57.01106  | (15011308) | 464400.66   |
| 3759158.89  | 50.95873    | (15011308)  |           |            |             |
| 3759158.89  | 464450.66   | 3759158.89  | 56.43397  | (14011008) | 464500.66   |
| 3759158.89  | 57.76978    | (13013008)  |           |            |             |
| 3759198.89  | 463750.66   | 3759198.89  | 28.02034  | (13021508) | 463800.66   |
| 3759198.89  | 29.57680    | (14112608)  |           |            |             |
| 3759198.89  | 463850.66   | 3759198.89  | 31.37227  | (16112308) | 463900.66   |
| 3759198.89  | 33.53614    | (15120208)  |           |            |             |
| 3759198.89  | 463950.66   | 3759198.89  | 35.48304  | (12120308) | 464000.66   |
| 3759198.89  | 38.63516    | (12120308)  |           |            |             |
| 3759198.89  | 464050.66   | 3759198.89  | 41.13696  | (13020408) | 464100.66   |
| 3759198.89  | 43.80469    | (15020908)  |           |            |             |
| 3759198.89  | 464150.66   | 3759198.89  | 47.49614  | (15020908) | 464200.66   |
| 3759198.89  | 50.73675    | (16021108)  |           |            |             |
| 3759198.89  | 464250.66   | 3759198.89  | 54.34390  | (12120408) | 464300.66   |
| 3759198.89  | 55.20635    | (15011308)  |           |            |             |
| 3759198.89  | 464350.66   | 3759198.89  | 62.12522  | (15011308) | 464400.66   |
| 3759198.89  | 58.38831    | (15011308)  |           |            |             |
| 3759198.89  | 464450.66   | 3759198.89  | 59.76407  | (14011008) | 464500.66   |
| 3759198.89  | 63.11201    | (13013008)  |           |            |             |
| 3759238.89  | 463750.66   | 3759238.89  | 28.76406  | (15120908) | 463800.66   |
| 3759238.89  | 30.88057    | (13021508)  |           |            |             |
| 3759238.89  | 463850.66   | 3759238.89  | 32.64479  | (14112608) | 463900.66   |
| 3759238.89  | 34.68311    | (16112308)  |           |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 463950.66  | 3759238.89 | 37.35953   | (15120208) | 464000.66 |
| 3759238.89 | 40.24489   | (12120308) |            |           |
| 464050.66  | 3759238.89 | 43.71285   | (12120308) | 464100.66 |
| 3759238.89 | 46.21640   | (13020408) |            |           |
| 464150.66  | 3759238.89 | 50.62784   | (15020908) | 464200.66 |
| 3759238.89 | 53.37933   | (15020908) |            |           |
| 464250.66  | 3759238.89 | 58.72351   | (12120408) | 464300.66 |
| 3759238.89 | 60.38016   | (12112908) |            |           |
| 464350.66  | 3759238.89 | 67.03804   | (15011308) | 464400.66 |
| 3759238.89 | 67.18854   | (15011308) |            |           |
| 464450.66  | 3759238.89 | 62.94603   | (14011008) | 464500.66 |
| 3759238.89 | 68.39977   | (14011008) |            |           |
| 464550.66  | 3759238.89 | 65.75879   | (13121808) | 463750.66 |
| 3759278.89 | 29.89450   | (15120908) |            |           |
| 463800.66  | 3759278.89 | 31.70244   | (15120908) | 463850.66 |
| 3759278.89 | 34.10565   | (13021508) |            |           |
| 463900.66  | 3759278.89 | 36.15476   | (14112608) | 463950.66 |
| 3759278.89 | 38.69959   | (16112308) |            |           |
| 464000.66  | 3759278.89 | 42.55390   | (15120208) | 464050.66 |
| 3759278.89 | 45.69586   | (12120308) |            |           |
| 464100.66  | 3759278.89 | 49.12502   | (12120308) | 464150.66 |
| 3759278.89 | 52.09765   | (13020408) |            |           |
| 464200.66  | 3759278.89 | 58.34691   | (15020908) | 464250.66 |
| 3759278.89 | 61.74611   | (14122208) |            |           |
| 464300.66  | 3759278.89 | 68.31377   | (12120408) | 464350.66 |
| 3759278.89 | 71.16269   | (15011308) |            |           |
| 464400.66  | 3759278.89 | 75.32313   | (15011308) | 464450.66 |
| 3759278.89 | 63.14242   | (14011008) |            |           |
| 464500.66  | 3759278.89 | 45.60324   | (14011008) | 463750.66 |
| 3759318.89 | 30.58296   | (15120708) |            |           |
| 463800.66  | 3759318.89 | 32.53373   | (15120708) | 463850.66 |
| 3759318.89 | 34.88059   | (15120908) |            |           |
| 463900.66  | 3759318.89 | 37.59852   | (13021508) | 463950.66 |
| 3759318.89 | 40.41526   | (15021008) |            |           |
| 464000.66  | 3759318.89 | 44.26629   | (16112308) | 464050.66 |
| 3759318.89 | 47.77582   | (15120208) |            |           |
| 464100.66  | 3759318.89 | 51.80896   | (12120308) | 464150.66 |
| 3759318.89 | 55.64935   | (13021208) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010

```

, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464200.66   | 3759318.89  | 61.02440   | (15020908) | 464250.66   |
| 3759318.89  | 67.70861    | (15020908) |            |             |
| 464300.66   | 3759318.89  | 74.72943   | (12120408) | 464350.66   |
| 3759318.89  | 77.89516    | (12112908) |            |             |
| 464400.66   | 3759318.89  | 83.36071   | (15011308) | 464450.66   |
| 3759318.89  | 42.32243    | (15121508) |            |             |
| 463750.66   | 3759358.89  | 21.00288   | (15012308) | 463800.66   |
| 3759358.89  | 22.54589    | (15021308) |            |             |
| 463850.66   | 3759358.89  | 31.71420   | (12112308) | 463900.66   |
| 3759358.89  | 39.17408    | (15120908) |            |             |
| 463950.66   | 3759358.89  | 42.11581   | (13021508) | 464000.66   |
| 3759358.89  | 45.89361    | (15021008) |            |             |
| 464050.66   | 3759358.89  | 49.64782   | (16112308) | 464100.66   |
| 3759358.89  | 54.47298    | (15120208) |            |             |
| 464150.66   | 3759358.89  | 59.81372   | (12120308) | 464200.66   |
| 3759358.89  | 64.83532    | (13021208) |            |             |
| 464250.66   | 3759358.89  | 73.53491   | (15020908) | 464300.66   |
| 3759358.89  | 80.95174    | (14122208) |            |             |
| 464350.66   | 3759358.89  | 86.60138   | (12120408) | 464400.66   |
| 3759358.89  | 80.20501    | (15011308) |            |             |
| 463750.66   | 3759398.89  | 20.83138   | (15012808) | 463800.66   |
| 3759398.89  | 22.29458    | (15012308) |            |             |
| 463850.66   | 3759398.89  | 24.35349   | (15012308) | 463900.66   |
| 3759398.89  | 37.82105    | (15120708) |            |             |
| 463950.66   | 3759398.89  | 43.54340   | (15120908) | 464000.66   |
| 3759398.89  | 47.64291    | (12021008) |            |             |
| 464050.66   | 3759398.89  | 52.19494   | (15021008) | 464100.66   |
| 3759398.89  | 57.26524    | (16112308) |            |             |
| 464150.66   | 3759398.89  | 63.19301   | (15120208) | 464200.66   |
| 3759398.89  | 70.03563    | (12120308) |            |             |
| 464250.66   | 3759398.89  | 75.88299   | (13021208) | 464300.66   |
| 3759398.89  | 87.15975    | (12011608) |            |             |
| 464350.66   | 3759398.89  | 91.84434   | (12120408) | 464400.66   |
| 3759398.89  | 56.88322    | (15121508) |            |             |
| 463750.66   | 3759438.89  | 21.53302   | (15012808) | 463800.66   |

|                              |            |            |                                      |           |
|------------------------------|------------|------------|--------------------------------------|-----------|
| 3759438.89                   | 22.91639   | (15012808) |                                      |           |
| 463850.66                    | 3759438.89 | 24.25770   | (15012808)                           | 463900.66 |
| 3759438.89                   | 26.92413   | (15012308) |                                      |           |
| 463950.66                    | 3759438.89 | 43.34630   | (15120708)                           | 464000.66 |
| 3759438.89                   | 49.29808   | (15120708) |                                      |           |
| 464050.66                    | 3759438.89 | 54.63354   | (12021008)                           | 464100.66 |
| 3759438.89                   | 60.32693   | (15021008) |                                      |           |
| 464150.66                    | 3759438.89 | 67.28327   | (16112308)                           | 464200.66 |
| 3759438.89                   | 73.21441   | (15120208) |                                      |           |
| 464250.66                    | 3759438.89 | 81.76064   | (12120308)                           | 464300.66 |
| 3759438.89                   | 91.24608   | (15020908) |                                      |           |
| 464350.66                    | 3759438.89 | 91.97038   | (16021108)                           | 463800.66 |
| 3759478.89                   | 23.58884   | (15012808) |                                      |           |
| 463850.66                    | 3759478.89 | 25.41931   | (15012808)                           | 463900.66 |
| 3759478.89                   | 27.44577   | (15012808) |                                      |           |
| 463950.66                    | 3759478.89 | 40.97529   | (16011108)                           | 464000.66 |
| 3759478.89                   | 49.97144   | (15011408) |                                      |           |
| 464050.66                    | 3759478.89 | 56.41451   | (13120208)                           | 464100.66 |
| 3759478.89                   | 63.74530   | (12021008) |                                      |           |
| 464250.66                    | 3759478.89 | 84.32021   | (15120208)                           | 464300.66 |
| 3759478.89                   | 96.39312   | (12120308) |                                      |           |
| 464350.66                    | 3759478.89 | 74.57870   | (15021208)                           | 463850.66 |
| 3759518.89                   | 26.12338   | (12011208) |                                      |           |
| 463900.66                    | 3759518.89 | 28.23972   | (15012808)                           | 463950.66 |
| 3759518.89                   | 33.52437   | (15012808) |                                      |           |
| 464000.66                    | 3759518.89 | 51.92189   | (16113008)                           | 464050.66 |
| 3759518.89                   | 58.26569   | (12012608) |                                      |           |
| 464300.66                    | 3759518.89 | 84.58552   | (14112708)                           | 464350.66 |
| 3759518.89                   | 77.68832   | (16012708) |                                      |           |
| 463900.66                    | 3759558.89 | 29.05792   | (12011208)                           | 463950.66 |
| 3759558.89                   | 32.91514   | (12011208) |                                      |           |
| 464000.66                    | 3759558.89 | 51.01741   | (15012808)                           | 464350.66 |
| 3759558.89                   | 89.07573   | (16020908) |                                      |           |
| 464400.66                    | 3759558.89 | 104.70295  | (15021208)                           | 463950.66 |
| 3759598.89                   | 33.58957   | (14011608) |                                      |           |
| 464517.36                    | 3759346.67 | 43.82638   | (13121808)                           | 464567.36 |
| 3759346.67                   | 49.21879   | (13121808) |                                      |           |
| 464617.36                    | 3759346.67 | 47.76667   | (13121808)                           | 464517.36 |
| 3759396.67                   | 50.81510   | (13121808) |                                      |           |
| 464567.36                    | 3759396.67 | 58.08059   | (13121808)                           | 464617.36 |
| 3759396.67                   | 55.71719   | (13121808) |                                      |           |
| 464517.36                    | 3759446.67 | 59.89169   | (13121808)                           | 464567.36 |
| 3759446.67                   | 70.42006   | (13121808) |                                      |           |
| 464617.36                    | 3759446.67 | 66.69066   | (13121808)                           | 464694.84 |
| 3759819.76                   | 293.66122  | (13020808) |                                      |           |
| ▲ *** AERMOD - VERSION 21112 | ***        | ***        | Riverside Community Hospital Parking |           |
| Structure                    | ***        |            | 11/22/24                             |           |
| *** AERMET - VERSION 16216   | ***        | ***        |                                      |           |
| ***                          |            |            | 14:15:48                             |           |

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3  
\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464809.77   | 3759568.55  | 135.58535  | (15021808) | 464859.77   |
| 3759568.55  | 118.40650   | (15021808) |            |             |
| 464609.77   | 3759618.55  | 188.66105  | (12012408) | 464659.77   |
| 3759618.55  | 157.99301   | (12012408) |            |             |
| 464709.77   | 3759618.55  | 187.93979  | (15021808) | 464759.77   |
| 3759618.55  | 166.01784   | (15021808) |            |             |
| 464809.77   | 3759618.55  | 141.08374  | (15021808) | 464859.77   |
| 3759618.55  | 136.23560   | (12121808) |            |             |
| 464609.77   | 3759668.55  | 269.79646  | (12012408) | 464659.77   |
| 3759668.55  | 186.18846   | (12012408) |            |             |
| 464709.77   | 3759668.55  | 162.41764  | (12121808) | 464759.77   |
| 3759668.55  | 186.24420   | (12121808) |            |             |
| 464809.77   | 3759668.55  | 209.88146  | (12121808) | 464859.77   |
| 3759668.55  | 207.59268   | (12121808) |            |             |
| 464609.77   | 3759718.55  | 671.62227  | (12113008) | 464659.77   |
| 3759718.55  | 300.55158   | (12113008) |            |             |
| 464709.77   | 3759718.55  | 212.28642  | (12113008) | 464759.77   |
| 3759718.55  | 292.67135   | (12121808) |            |             |
| 464444.57   | 3759555.56  | 113.39590  | (12020908) | 464494.57   |
| 3759555.56  | 125.25476   | (15121508) |            |             |
| 464544.57   | 3759555.56  | 116.40291  | (13121808) | 464444.57   |
| 3759605.56  | 150.39636   | (15021208) |            |             |
| 464494.57   | 3759605.56  | 173.73407  | (15121508) | 464544.57   |
| 3759605.56  | 166.30187   | (15121508) |            |             |
| 464444.57   | 3759655.56  | 191.12298  | (16020508) | 464494.57   |
| 3759655.56  | 275.31652   | (15021208) |            |             |
| 464544.57   | 3759655.56  | 305.10894  | (15121508) | 463980.94   |
| 3759596.79  | 35.57546    | (14011608) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464030.94  | 3759596.79 | 38.57656   | (12011208) | 464080.94 |
| 3759596.79 | 42.77297   | (12011208) |            |           |
| 464130.94  | 3759596.79 | 48.69833   | (12011208) | 464180.94 |
| 3759596.79 | 55.32872   | (15012808) |            |           |
| 464230.94  | 3759596.79 | 62.40511   | (15012308) | 464280.94 |
| 3759596.79 | 76.06035   | (15021308) |            |           |
| 464330.94  | 3759596.79 | 91.84338   | (13121708) | 464380.94 |
| 3759596.79 | 111.23152  | (16020908) |            |           |
| 463980.94  | 3759646.79 | 34.32327   | (14011608) | 464030.94 |
| 3759646.79 | 38.46026   | (14011608) |            |           |
| 464080.94  | 3759646.79 | 43.52883   | (14011608) | 464130.94 |
| 3759646.79 | 49.68424   | (14011608) |            |           |
| 464180.94  | 3759646.79 | 57.26555   | (14011608) | 464230.94 |
| 3759646.79 | 67.34341   | (12011208) |            |           |
| 464280.94  | 3759646.79 | 80.06232   | (15012808) | 464330.94 |
| 3759646.79 | 97.77385   | (15012808) |            |           |
| 464380.94  | 3759646.79 | 125.98367  | (15021308) | 463980.94 |
| 3759696.79 | 35.10928   | (14011308) |            |           |
| 464030.94  | 3759696.79 | 39.02654   | (16122608) | 464080.94 |
| 3759696.79 | 43.92862   | (16122608) |            |           |
| 464130.94  | 3759696.79 | 50.43453   | (16122608) | 464180.94 |
| 3759696.79 | 58.56749   | (16122608) |            |           |
| 464230.94  | 3759696.79 | 69.03776   | (16122608) | 464280.94 |
| 3759696.79 | 84.20631   | (14011608) |            |           |
| 464330.94  | 3759696.79 | 106.76369  | (14011608) | 464380.94 |
| 3759696.79 | 136.83469  | (14011608) |            |           |
| 464450.80  | 3759744.24 | 265.50857  | (12110208) | 464030.94 |
| 3759746.79 | 40.88170   | (15012908) |            |           |
| 464080.94  | 3759746.79 | 46.20474   | (15012908) | 464130.94 |
| 3759746.79 | 53.00229   | (15012908) |            |           |
| 464180.94  | 3759746.79 | 61.32576   | (15012908) | 464230.94 |
| 3759746.79 | 72.25221   | (15012908) |            |           |
| 464280.94  | 3759746.79 | 87.38051   | (15012908) | 464330.94 |
| 3759746.79 | 109.75937  | (15012908) |            |           |
| 464380.94  | 3759746.79 | 143.42382  | (15012908) | 463980.94 |
| 3759796.79 | 37.46927   | (15012908) |            |           |
| 464030.94  | 3759796.79 | 41.59819   | (15012908) | 464080.94 |
| 3759796.79 | 46.91839   | (15012908) |            |           |
| 464130.94  | 3759796.79 | 53.20602   | (15012908) | 464180.94 |
| 3759796.79 | 60.35094   | (15012908) |            |           |
| 464230.94  | 3759796.79 | 70.20640   | (15012908) | 464280.94 |
| 3759796.79 | 83.12954   | (15012908) |            |           |
| 464330.94  | 3759796.79 | 100.31060  | (15012908) | 464380.94 |
| 3759796.79 | 125.27296  | (16012608) |            |           |
| 464788.18  | 3759737.20 | 264.35541  | (12113008) | 464838.18 |
| 3759737.20 | 168.73741  | (13111908) |            |           |
| 464888.18  | 3759737.20 | 151.72770  | (13111908) | 464938.18 |
| 3759737.20 | 141.67061  | (13112008) |            |           |
| 464988.18  | 3759737.20 | 125.70873  | (13112008) | 465038.18 |
| 3759737.20 | 110.90400  | (13112008) |            |           |
| 465088.18  | 3759737.20 | 98.33222   | (13112008) | 465138.18 |

3759737.20 88.66028 (13112008)  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M)          | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|----------------------|------------|------------|-------------|
| Y-COORD (M) | CONC                 | (YYMMDDHH) |            |             |
| -           | -                    | -          | -          | -           |
| -           | -                    | -          | -          | -           |
| 465188.18   | 3759737.20           | 80.16567   | (13112008) | 465238.18   |
| 3759737.20  | 72.64284 (13112008)  |            |            |             |
| 465288.18   | 3759737.20           | 66.03070   | (13112008) | 465338.18   |
| 3759737.20  | 59.87802 (13112008)  |            |            |             |
| 465388.18   | 3759737.20           | 55.92940   | (13112008) | 464788.18   |
| 3759787.20  | 160.35549 (15012108) |            |            |             |
| 464838.18   | 3759787.20           | 120.88678  | (15012108) | 464888.18   |
| 3759787.20  | 134.99814 (13111908) |            |            |             |
| 464938.18   | 3759787.20           | 127.19227  | (13111908) | 464988.18   |
| 3759787.20  | 116.73115 (13111908) |            |            |             |
| 465038.18   | 3759787.20           | 104.56892  | (13111908) | 465088.18   |
| 3759787.20  | 93.41245 (13111908)  |            |            |             |
| 465138.18   | 3759787.20           | 84.19048   | (13111908) | 465188.18   |
| 3759787.20  | 76.15388 (13111908)  |            |            |             |
| 465238.18   | 3759787.20           | 70.38378   | (13111908) | 465288.18   |
| 3759787.20  | 64.28667 (13111908)  |            |            |             |
| 465338.18   | 3759787.20           | 59.06228   | (13111908) | 465388.18   |
| 3759787.20  | 55.49822 (13111908)  |            |            |             |
| 464788.18   | 3759837.20           | 129.08402  | (15012108) | 464838.18   |
| 3759837.20  | 105.49879 (15012108) |            |            |             |
| 464888.18   | 3759837.20           | 117.89359  | (15012108) | 464938.18   |

|            |            |            |                      |
|------------|------------|------------|----------------------|
| 3759837.20 | 121.95118  | (13112108) |                      |
| 464988.18  | 3759837.20 | 110.38374  | (13112108) 465038.18 |
| 3759837.20 | 99.97628   | (13112108) |                      |
| 465088.18  | 3759837.20 | 88.24421   | (13112108) 465138.18 |
| 3759837.20 | 78.46152   | (13112108) |                      |
| 465188.18  | 3759837.20 | 70.20111   | (13112108) 465238.18 |
| 3759837.20 | 64.02905   | (13112108) |                      |
| 465288.18  | 3759837.20 | 58.46327   | (13111908) 465338.18 |
| 3759837.20 | 54.82129   | (13111908) |                      |
| 465388.18  | 3759837.20 | 51.68695   | (13111908) 464788.18 |
| 3759887.20 | 120.62202  | (13020808) |                      |
| 464838.18  | 3759887.20 | 101.94244  | (13020808) 464888.18 |
| 3759887.20 | 116.85954  | (14013008) |                      |
| 464938.18  | 3759887.20 | 114.38094  | (14013008) 464988.18 |
| 3759887.20 | 98.78430   | (14013008) |                      |
| 465038.18  | 3759887.20 | 86.38349   | (13112108) 465088.18 |
| 3759887.20 | 80.98832   | (13112108) |                      |
| 465138.18  | 3759887.20 | 75.27503   | (13112108) 465188.18 |
| 3759887.20 | 70.04036   | (13112108) |                      |
| 465238.18  | 3759887.20 | 64.97435   | (13112108) 465288.18 |
| 3759887.20 | 60.66531   | (13112108) |                      |
| 465338.18  | 3759887.20 | 54.31200   | (13112108) 465388.18 |
| 3759887.20 | 52.12465   | (13112108) |                      |
| 464788.18  | 3759937.20 | 112.85804  | (16123008) 464838.18 |
| 3759937.20 | 119.44079  | (16123008) |                      |
| 464888.18  | 3759937.20 | 105.03816  | (14020708) 464938.18 |
| 3759937.20 | 106.12792  | (14020708) |                      |
| 464988.18  | 3759937.20 | 97.84662   | (14013008) 465038.18 |
| 3759937.20 | 88.88944   | (14013008) |                      |
| 465088.18  | 3759937.20 | 78.92313   | (14013008) 465138.18 |
| 3759937.20 | 67.78905   | (14013008) |                      |
| 465188.18  | 3759937.20 | 59.41686   | (15012108) 465238.18 |
| 3759937.20 | 57.13616   | (13112108) |                      |
| 465288.18  | 3759937.20 | 55.31241   | (13112108) 465338.18 |
| 3759937.20 | 52.37269   | (13112108) |                      |
| 465388.18  | 3759937.20 | 50.23631   | (13112108) 464959.25 |
| 3759453.01 | 92.05351   | (15021808) |                      |
| 465009.25  | 3759453.01 | 82.04003   | (15021808) 465059.25 |
| 3759453.01 | 74.84306   | (15021808) |                      |
| 465109.25  | 3759453.01 | 74.27011   | (15021808) 465159.25 |
| 3759453.01 | 96.17751   | (12113008) |                      |
| 465209.25  | 3759453.01 | 154.56790  | (12113008) 465259.25 |
| 3759453.01 | 164.72772  | (12113008) |                      |
| 465309.25  | 3759453.01 | 171.63413  | (12113008) 465359.25 |
| 3759453.01 | 104.98336  | (15012708) |                      |
| 465409.25  | 3759453.01 | 82.19464   | (12121808) 465459.25 |
| 3759453.01 | 71.36940   | (12121808) |                      |
| 465509.25  | 3759453.01 | 63.99302   | (12121808) 464959.25 |
| 3759503.01 | 91.23063   | (15021808) |                      |
| 465009.25  | 3759503.01 | 84.38955   | (15021808) 465059.25 |
| 3759503.01 | 94.14358   | (15012708) |                      |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465109.25  | 3759503.01 | 138.14650  | (12113008) | 465159.25 |
| 3759503.01 | 151.65307  | (12113008) |            |           |
| 465209.25  | 3759503.01 | 211.44420  | (12113008) | 465259.25 |
| 3759503.01 | 122.37292  | (15012708) |            |           |
| 465309.25  | 3759503.01 | 96.97647   | (12121808) | 465359.25 |
| 3759503.01 | 85.09706   | (12121808) |            |           |
| 465409.25  | 3759503.01 | 76.54460   | (12121808) | 465459.25 |
| 3759503.01 | 70.33553   | (12121808) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 465509.25   | 3759503.01  | 66.68856   | (12121808) | 464959.25   |
| 3759553.01  | 97.01918    | (15012708) |            |             |
| 465009.25   | 3759553.01  | 132.99951  | (15012708) | 465059.25   |
| 3759553.01  | 190.09352   | (12113008) |            |             |
| 465109.25   | 3759553.01  | 194.08210  | (12113008) | 465159.25   |
| 3759553.01  | 141.89485   | (15012708) |            |             |
| 465209.25   | 3759553.01  | 113.60821  | (12121808) | 465259.25   |
| 3759553.01  | 99.42803    | (12121808) |            |             |
| 465309.25   | 3759553.01  | 86.88138   | (12121808) | 465359.25   |
| 3759553.01  | 77.83579    | (12121808) |            |             |
| 465409.25   | 3759553.01  | 76.17328   | (12121808) | 465459.25   |
| 3759553.01  | 69.90397    | (12121808) |            |             |
| 465509.25   | 3759553.01  | 65.25756   | (12121808) | 464959.25   |
| 3759603.01  | 209.98954   | (12113008) |            |             |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465009.25  | 3759603.01 | 167.86418  | (15012708) | 465059.25 |
| 3759603.01 | 163.33923  | (12121808) |            |           |
| 465109.25  | 3759603.01 | 128.32548  | (12121808) | 465159.25 |
| 3759603.01 | 110.60179  | (12121808) |            |           |
| 465209.25  | 3759603.01 | 99.12496   | (12121808) | 465259.25 |
| 3759603.01 | 88.83575   | (12121808) |            |           |
| 465309.25  | 3759603.01 | 78.66644   | (12121808) | 465359.25 |
| 3759603.01 | 70.23739   | (12121808) |            |           |
| 465409.25  | 3759603.01 | 67.37456   | (12121808) | 465459.25 |
| 3759603.01 | 61.82627   | (13020608) |            |           |
| 465509.25  | 3759603.01 | 58.04557   | (13020608) | 464959.25 |
| 3759653.01 | 194.42349  | (12121808) |            |           |
| 465009.25  | 3759653.01 | 128.44846  | (12121808) | 465059.25 |
| 3759653.01 | 121.53537  | (12121808) |            |           |
| 465109.25  | 3759653.01 | 103.06930  | (12121808) | 465159.25 |
| 3759653.01 | 91.79396   | (12121808) |            |           |
| 465209.25  | 3759653.01 | 84.62366   | (13020608) | 465259.25 |
| 3759653.01 | 77.45303   | (13020608) |            |           |
| 465309.25  | 3759653.01 | 70.21205   | (13020608) | 465359.25 |
| 3759653.01 | 65.73101   | (13020608) |            |           |
| 465409.25  | 3759653.01 | 58.93551   | (13020608) | 465459.25 |
| 3759653.01 | 54.07987   | (13020508) |            |           |
| 465509.25  | 3759653.01 | 51.62631   | (13020508) | 464959.25 |
| 3759703.01 | 146.30793  | (13020608) |            |           |
| 465009.25  | 3759703.01 | 120.43707  | (13020508) | 465059.25 |
| 3759703.01 | 105.53513  | (13020508) |            |           |
| 465109.25  | 3759703.01 | 96.98153   | (13020508) | 465159.25 |
| 3759703.01 | 87.75468   | (13020508) |            |           |
| 465209.25  | 3759703.01 | 80.27535   | (13020508) | 465259.25 |
| 3759703.01 | 72.95272   | (13020508) |            |           |
| 465309.25  | 3759703.01 | 65.90318   | (13020508) | 465359.25 |
| 3759703.01 | 60.18347   | (13020508) |            |           |
| 465409.25  | 3759703.01 | 55.68657   | (13020508) | 465459.25 |
| 3759703.01 | 51.69224   | (13020508) |            |           |
| 465509.25  | 3759703.01 | 49.47549   | (13020508) | 465160.97 |
| 3759198.29 | 58.23686   | (15021808) |            |           |
| 465210.97  | 3759198.29 | 56.22366   | (15021808) | 465260.97 |
| 3759198.29 | 52.73646   | (15021808) |            |           |
| 465310.97  | 3759198.29 | 48.43381   | (15021808) | 465360.97 |
| 3759198.29 | 44.71481   | (15021808) |            |           |
| 465160.97  | 3759248.29 | 61.08572   | (15021808) | 465210.97 |
| 3759248.29 | 56.90679   | (15021808) |            |           |
| 465260.97  | 3759248.29 | 52.66373   | (15021808) | 465310.97 |
| 3759248.29 | 48.46962   | (15021808) |            |           |
| 465360.97  | 3759248.29 | 45.73615   | (15021808) | 465160.97 |
| 3759298.29 | 62.44224   | (15021808) |            |           |
| 465210.97  | 3759298.29 | 56.49463   | (15021808) | 465260.97 |
| 3759298.29 | 53.51054   | (15021808) |            |           |
| 465310.97  | 3759298.29 | 51.68210   | (15021808) | 465360.97 |
| 3759298.29 | 53.73691   | (12113008) |            |           |
| 465160.97  | 3759348.29 | 62.11358   | (15021808) | 465210.97 |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759348.29 | 58.60181   | (15021808) |            |           |
| 465260.97  | 3759348.29 | 60.21360   | (15021808) | 465310.97 |
| 3759348.29 | 70.99685   | (12113008) |            |           |
| 465360.97  | 3759348.29 | 99.63987   | (12113008) | 465160.97 |
| 3759398.29 | 65.03389   | (15021808) |            |           |
| 465210.97  | 3759398.29 | 70.77030   | (12113008) | 465260.97 |
| 3759398.29 | 95.83063   | (12113008) |            |           |
| 465310.97  | 3759398.29 | 160.17891  | (12113008) | 465360.97 |
| 3759398.29 | 153.86310  | (12113008) |            |           |
| 464719.89  | 3759036.22 | 28.99726   | (13121808) | 464769.89 |
| 3759036.22 | 31.61949   | (12012408) |            |           |
| 464819.89  | 3759036.22 | 36.85051   | (12012408) | 464869.89 |
| 3759036.22 | 38.34747   | (12012408) |            |           |
| 464919.89  | 3759036.22 | 37.47435   | (12012408) | 464969.89 |
| 3759036.22 | 34.40160   | (12012408) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464719.89   | 3759086.22  | 22.85954   | (12012408) | 464769.89   |
| 3759086.22  | 26.17112    | (12012408) |            |             |
| 464819.89   | 3759086.22  | 40.61236   | (12012408) | 464869.89   |
| 3759086.22  | 42.45342    | (12012408) |            |             |
| 464919.89   | 3759086.22  | 38.70927   | (12012408) | 464969.89   |
| 3759086.22  | 32.11017    | (12012408) |            |             |
| 464719.89   | 3759136.22  | 26.42591   | (12012408) | 464769.89   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759136.22 | 29.69917   | (12012408) |            |           |
| 464819.89  | 3759136.22 | 31.15571   | (12012408) | 464869.89 |
| 3759136.22 | 30.93373   | (12012408) |            |           |
| 464919.89  | 3759136.22 | 29.43018   | (12012408) | 464969.89 |
| 3759136.22 | 27.32079   | (12012408) |            |           |
| 464719.89  | 3759186.22 | 30.70255   | (12012408) | 464769.89 |
| 3759186.22 | 33.78929   | (12012408) |            |           |
| 464819.89  | 3759186.22 | 34.53167   | (12012408) | 464869.89 |
| 3759186.22 | 33.35148   | (12012408) |            |           |
| 464919.89  | 3759186.22 | 30.99388   | (12012408) | 464969.89 |
| 3759186.22 | 28.42716   | (12012408) |            |           |
| 464719.89  | 3759236.22 | 35.86333   | (12012408) | 464769.89 |
| 3759236.22 | 38.43114   | (12012408) |            |           |
| 464819.89  | 3759236.22 | 38.08419   | (12012408) | 464869.89 |
| 3759236.22 | 35.81794   | (12012408) |            |           |
| 464919.89  | 3759236.22 | 32.95275   | (12012408) |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure \*\*\* 11/22/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848

HRS) RESULTS \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID      |                      | NETWORK | AVERAGE CONC  | RECEPTOR (XR, YR, ZELEV,       |
|---------------|----------------------|---------|---------------|--------------------------------|
| ZHILL, ZFLAG) | OF TYPE              | GRID-ID |               |                                |
| -----         |                      |         |               |                                |
| OFFROAD       | 1ST HIGHEST VALUE IS |         | 37.45966 AT ( | 464609.77, 3759718.55, 243.49, |
| 402.12,       | 0.00) DC             |         |               |                                |
|               | 2ND HIGHEST VALUE IS |         | 14.38382 AT ( | 464659.77, 3759718.55, 243.86, |
| 402.12,       | 0.00) DC             |         |               |                                |
|               | 3RD HIGHEST VALUE IS |         | 9.47933 AT (  | 464609.77, 3759668.55, 243.71, |
| 402.12,       | 0.00) DC             |         |               |                                |
|               | 4TH HIGHEST VALUE IS |         | 9.42745 AT (  | 464544.57, 3759655.56, 242.66, |
| 402.12,       | 0.00) DC             |         |               |                                |
|               | 5TH HIGHEST VALUE IS |         | 7.25210 AT (  | 464709.77, 3759718.55, 246.16, |
| 402.12,       | 0.00) DC             |         |               |                                |
|               | 6TH HIGHEST VALUE IS |         | 6.29577 AT (  | 464494.57, 3759655.56, 242.61, |
| 402.12,       | 0.00) DC             |         |               |                                |

|         |                       |               |            |             |         |
|---------|-----------------------|---------------|------------|-------------|---------|
| 402.12, | 7TH HIGHEST VALUE IS  | 6.13889 AT (  | 464694.84, | 3759819.76, | 246.31, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 8TH HIGHEST VALUE IS  | 5.89182 AT (  | 464659.77, | 3759668.55, | 244.05, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 9TH HIGHEST VALUE IS  | 4.01763 AT (  | 464759.77, | 3759718.55, | 251.08, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 10TH HIGHEST VALUE IS | 3.78012 AT (  | 464450.80, | 3759744.24, | 242.49, |
|         | 0.00) DC              |               |            |             |         |
| ONROAD  | 1ST HIGHEST VALUE IS  | 11.02797 AT ( | 464788.18, | 3759737.20, | 249.01, |
| 402.12, | 0.00) DC              |               |            |             |         |
| 260.10, | 2ND HIGHEST VALUE IS  | 11.01976 AT ( | 465209.25, | 3759503.01, | 260.10, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 3RD HIGHEST VALUE IS  | 10.18282 AT ( | 464759.77, | 3759718.55, | 251.08, |
|         | 0.00) DC              |               |            |             |         |
| 258.74, | 4TH HIGHEST VALUE IS  | 9.94217 AT (  | 465109.25, | 3759553.01, | 258.74, |
|         | 0.00) DC              |               |            |             |         |
| 255.73, | 5TH HIGHEST VALUE IS  | 9.47405 AT (  | 464959.25, | 3759603.01, | 255.73, |
|         | 0.00) DC              |               |            |             |         |
| 261.18, | 6TH HIGHEST VALUE IS  | 8.98255 AT (  | 465309.25, | 3759453.01, | 261.18, |
|         | 0.00) DC              |               |            |             |         |
| 258.18, | 7TH HIGHEST VALUE IS  | 8.71229 AT (  | 465059.25, | 3759553.01, | 258.18, |
|         | 0.00) DC              |               |            |             |         |
| 260.68, | 8TH HIGHEST VALUE IS  | 8.34589 AT (  | 465259.25, | 3759453.01, | 260.68, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 9TH HIGHEST VALUE IS  | 8.13778 AT (  | 464959.25, | 3759653.01, | 255.08, |
|         | 0.00) DC              |               |            |             |         |
| 261.94, | 10TH HIGHEST VALUE IS | 7.74022 AT (  | 465360.97, | 3759398.29, | 261.94, |
|         | 0.00) DC              |               |            |             |         |
| ALL     | 1ST HIGHEST VALUE IS  | 38.81496 AT ( | 464609.77, | 3759718.55, | 243.49, |
| 402.12, | 0.00) DC              |               |            |             |         |
| 402.12, | 2ND HIGHEST VALUE IS  | 16.62190 AT ( | 464659.77, | 3759718.55, | 243.86, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 3RD HIGHEST VALUE IS  | 14.39177 AT ( | 464788.18, | 3759737.20, | 249.01, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 4TH HIGHEST VALUE IS  | 14.20045 AT ( | 464759.77, | 3759718.55, | 251.08, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 5TH HIGHEST VALUE IS  | 11.34601 AT ( | 464709.77, | 3759718.55, | 246.16, |
|         | 0.00) DC              |               |            |             |         |
| 260.10, | 6TH HIGHEST VALUE IS  | 11.21821 AT ( | 465209.25, | 3759503.01, | 260.10, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 7TH HIGHEST VALUE IS  | 10.34890 AT ( | 464609.77, | 3759668.55, | 243.71, |
|         | 0.00) DC              |               |            |             |         |
| 258.74, | 8TH HIGHEST VALUE IS  | 10.24611 AT ( | 465109.25, | 3759553.01, | 258.74, |
|         | 0.00) DC              |               |            |             |         |
| 402.12, | 9TH HIGHEST VALUE IS  | 10.09472 AT ( | 464694.84, | 3759819.76, | 246.31, |
|         | 0.00) DC              |               |            |             |         |
| 255.73, | 10TH HIGHEST VALUE IS | 10.07602 AT ( | 464959.25, | 3759603.01, | 255.73, |
|         | 0.00) DC              |               |            |             |         |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

DATE

| GROUP ID                          | NETWORK         | AVERAGE CONC      | DATE       | RECEPTOR |
|-----------------------------------|-----------------|-------------------|------------|----------|
| (XR, YR, ZELEV, ZHILL, ZFLAG)     | OF TYPE GRID-ID |                   | (YYMMDDHH) |          |
| OFFROAD HIGH 1ST HIGH VALUE IS    | 632.77565       | ON 12113008: AT ( | 464609.77, |          |
| 3759718.55, 243.49, 402.12, 0.00) | DC              |                   |            |          |
| ONROAD HIGH 1ST HIGH VALUE IS     | 212.53351       | ON 12113008: AT ( | 464788.18, |          |
| 3759737.20, 249.01, 402.12, 0.00) | DC              |                   |            |          |
| ALL HIGH 1ST HIGH VALUE IS        | 671.62227       | ON 12113008: AT ( | 464609.77, |          |
| 3759718.55, 243.49, 402.12, 0.00) | DC              |                   |            |          |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure \*\*\* 11/22/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 14:15:48

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of                0 Fatal Error Message(s)  
A Total of                2 Warning Message(s)  
A Total of               1638 Informational Message(s)  
  
A Total of               43848 Hours Were Processed  
  
A Total of                1039 Calm Hours Identified  
  
A Total of                599 Missing Hours Identified ( 1.37 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\*        NONE        \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186       2238        MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
              0.50  
ME W187       2238        MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 11/26/2024
** File: C:\Lakes\RCH Parking Garage OPs\RCH Parking Garage OPs.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Riverside Community Hospital Parking Structure Operations
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "RCH Parking Garage OPs.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION GEN      POINT      464623.370   3759745.990       243.860
** DESCRSRC Generator and Fire Pump
** Source Parameters **
  SRCPARAM GEN          1.0       5.000    763.850    224.391       0.229

** Building Downwash **
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07
  BUILDHGT GEN          17.07     17.07     17.07     17.07     17.07     17.07

  BUILDWID GEN          114.76     98.70     79.64     58.16     41.03     59.46
  BUILDWID GEN           77.52     93.23    106.11    115.76    121.90    125.78
  BUILDWID GEN          130.69    136.92    140.90    140.60    136.03    127.33

```

|          |     |         |         |        |        |        |        |
|----------|-----|---------|---------|--------|--------|--------|--------|
| BUILDWID | GEN | 114.76  | 98.70   | 79.64  | 58.16  | 41.03  | 59.46  |
| BUILDWID | GEN | 77.52   | 93.23   | 106.11 | 115.76 | 121.90 | 125.78 |
| BUILDWID | GEN | 130.69  | 136.92  | 140.90 | 140.60 | 136.03 | 127.33 |
| BUILDLN  | GEN | 115.76  | 121.90  | 125.78 | 130.69 | 136.92 | 140.90 |
| BUILDLN  | GEN | 140.60  | 136.03  | 127.33 | 114.76 | 98.70  | 79.64  |
| BUILDLN  | GEN | 58.16   | 41.03   | 59.46  | 77.52  | 93.23  | 106.11 |
| BUILDLN  | GEN | 115.76  | 121.90  | 125.78 | 130.69 | 136.92 | 140.90 |
| BUILDLN  | GEN | 140.60  | 136.03  | 127.33 | 114.76 | 98.70  | 79.64  |
| BUILDLN  | GEN | 58.16   | 41.03   | 59.46  | 77.52  | 93.23  | 106.11 |
| XBADJ    | GEN | -64.94  | -73.98  | -80.77 | -85.11 | -92.15 | -98.31 |
| XBADJ    | GEN | -101.47 | -101.56 | -98.56 | -92.57 | -83.76 | -72.41 |
| XBADJ    | GEN | -58.85  | -43.51  | -46.82 | -50.15 | -51.95 | -52.18 |
| XBADJ    | GEN | -50.82  | -47.92  | -45.01 | -45.58 | -44.77 | -42.60 |
| XBADJ    | GEN | -39.13  | -34.47  | -28.77 | -22.19 | -14.94 | -7.24  |
| XBADJ    | GEN | 0.69    | 2.48    | -12.64 | -27.38 | -41.28 | -53.93 |
| YBADJ    | GEN | 35.19   | 34.41   | 32.58  | 29.77  | 23.00  | 17.09  |
| YBADJ    | GEN | 11.39   | 5.34    | -0.88  | -7.06  | -13.03 | -17.88 |
| YBADJ    | GEN | -19.76  | -23.69  | -27.85 | -31.17 | -33.54 | -34.90 |
| YBADJ    | GEN | -35.19  | -34.41  | -32.58 | -29.77 | -23.00 | -17.09 |
| YBADJ    | GEN | -11.39  | -5.34   | 0.88   | 7.06   | 13.03  | 17.88  |
| YBADJ    | GEN | 19.76   | 23.69   | 27.85  | 31.17  | 33.54  | 34.90  |

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "RCH Parking Garage OPs.rou"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE KRAL\_v9.SFC

PROFFILE KRAL\_v9.PFL

SURFDATA 3171 2012

UAIRDATA 3190 2012

PROFBASE 245.0 METERS

ME FINISHED

\*\*

```

*****
**  AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "RCH PARKING GARAGE OPS.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "RCH PARKING GARAGE OPS.AD\PE00GALL.PLT" 32
  SUMMFILE "RCH Parking Garage OPs.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS     m
** ZONE      11
** ZONEINX   0
**

```

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 11/26/2024
** File: C:\Lakes\RCH Parking Garage OPs\RCH Parking Garage OPs.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
C0 STARTING
  TITLEONE Riverside Community Hospital Parking Structure Operations
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2189641
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "RCH Parking Garage OPs.err"
C0 FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
S0 STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION GEN          POINT      464623.370   3759745.990       243.860
** DESCRSRC Generator and Fire Pump
** Source Parameters **
  SRCPARAM GEN          1.0        5.000    763.850    224.391      0.229

** Building Downwash **
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07
  BUILDHGT GEN          17.07      17.07      17.07      17.07      17.07      17.07

  BUILDWID GEN          114.76      98.70      79.64      58.16      41.03      59.46
  BUILDWID GEN          77.52      93.23     106.11     115.76     121.90     125.78

```

|          |     |        |        |        |        |        |        |
|----------|-----|--------|--------|--------|--------|--------|--------|
| BUILDWID | GEN | 130.69 | 136.92 | 140.90 | 140.60 | 136.03 | 127.33 |
| BUILDWID | GEN | 114.76 | 98.70  | 79.64  | 58.16  | 41.03  | 59.46  |
| BUILDWID | GEN | 77.52  | 93.23  | 106.11 | 115.76 | 121.90 | 125.78 |
| BUILDWID | GEN | 130.69 | 136.92 | 140.90 | 140.60 | 136.03 | 127.33 |

|         |     |        |        |        |        |        |        |
|---------|-----|--------|--------|--------|--------|--------|--------|
| BUILDLN | GEN | 115.76 | 121.90 | 125.78 | 130.69 | 136.92 | 140.90 |
| BUILDLN | GEN | 140.60 | 136.03 | 127.33 | 114.76 | 98.70  | 79.64  |
| BUILDLN | GEN | 58.16  | 41.03  | 59.46  | 77.52  | 93.23  | 106.11 |
| BUILDLN | GEN | 115.76 | 121.90 | 125.78 | 130.69 | 136.92 | 140.90 |
| BUILDLN | GEN | 140.60 | 136.03 | 127.33 | 114.76 | 98.70  | 79.64  |
| BUILDLN | GEN | 58.16  | 41.03  | 59.46  | 77.52  | 93.23  | 106.11 |

|       |     |         |         |        |        |        |        |
|-------|-----|---------|---------|--------|--------|--------|--------|
| XBADJ | GEN | -64.94  | -73.98  | -80.77 | -85.11 | -92.15 | -98.31 |
| XBADJ | GEN | -101.47 | -101.56 | -98.56 | -92.57 | -83.76 | -72.41 |
| XBADJ | GEN | -58.85  | -43.51  | -46.82 | -50.15 | -51.95 | -52.18 |
| XBADJ | GEN | -50.82  | -47.92  | -45.01 | -45.58 | -44.77 | -42.60 |
| XBADJ | GEN | -39.13  | -34.47  | -28.77 | -22.19 | -14.94 | -7.24  |
| XBADJ | GEN | 0.69    | 2.48    | -12.64 | -27.38 | -41.28 | -53.93 |

|       |     |        |        |        |        |        |        |
|-------|-----|--------|--------|--------|--------|--------|--------|
| YBADJ | GEN | 35.19  | 34.41  | 32.58  | 29.77  | 23.00  | 17.09  |
| YBADJ | GEN | 11.39  | 5.34   | -0.88  | -7.06  | -13.03 | -17.88 |
| YBADJ | GEN | -19.76 | -23.69 | -27.85 | -31.17 | -33.54 | -34.90 |
| YBADJ | GEN | -35.19 | -34.41 | -32.58 | -29.77 | -23.00 | -17.09 |
| YBADJ | GEN | -11.39 | -5.34  | 0.88   | 7.06   | 13.03  | 17.88  |
| YBADJ | GEN | 19.76  | 23.69  | 27.85  | 31.17  | 33.54  | 34.90  |

URBANSRC ALL  
SRCGROUP ALL

S0 FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "RCH Parking Garage OPs.rou"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE KRAL\_v9.SFC

PROFFILE KRAL\_v9.PFL

SURFDATA 3171 2012

UAIRDATA 3190 2012

PROFBASE 245.0 METERS

ME FINISHED

```

**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "RCH PARKING GARAGE OPS.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "RCH PARKING GARAGE OPS.AD\PE00GALL.PLT" 32
  SUMMFILE "RCH Parking Garage OPs.sum"
OU FINISHED

```

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          3 Warning Message(s)
A Total of          0 Informational Message(s)

```

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

```

***** WARNING MESSAGES *****
SO W320      39      PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
ME W186     101      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
ME W187     101      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

```

^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

```

```

PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

```

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

- - - - -  
- - - - -  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: PM\_10

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 823  
Receptor(s)

with: 1 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:  
Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)  
  
\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 245.00 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.6 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: RCH Parking Garage OPs.err

\*\*File for Summary of Results: RCH Parking Garage OPs.sum

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
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\*\*\* 15:14:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* POINT SOURCE DATA \*\*\*

| STACK   | STACK    | BLDG        | URBAN    | CAP/     | EMIS     | BASE     | STACK   | STACK |  |
|---------|----------|-------------|----------|----------|----------|----------|---------|-------|--|
| SOURCE  | PART.    | (GRAMS/SEC) | X        | Y        | ELEV.    | HEIGHT   | TEMP.   | EXIT  |  |
| VEL.    | DIAMETER | EXISTS      | SOURCE   | HOR      | SCALAR   |          |         |       |  |
| ID      | CATS.    |             | (METERS) | (METERS) | (METERS) | (METERS) | (DEG.K) |       |  |
| (M/SEC) | (METERS) |             | VARY BY  |          |          |          |         |       |  |
| -----   |          |             |          |          |          |          |         |       |  |
| -----   |          |             |          |          |          |          |         |       |  |

GEN 0 0.10000E+01 464623.4 3759746.0 243.9 5.00 763.85  
224.39 0.23 YES YES NO

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID SOURCE IDs  
-----

ALL GEN /  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES

\*\*\*

URBAN ID URBAN POP SOURCE IDs  
-----

2189641. GEN /  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure Operations \*\*\* 11/26/24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS

\*\*\*

SOURCE ID: GEN  
IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ  
YADJ

|        |       |        |        |         |        |    |       |        |        |         |
|--------|-------|--------|--------|---------|--------|----|-------|--------|--------|---------|
| 1      | 17.1, | 114.8, | 115.8, | -64.9,  | 35.2,  | 2  | 17.1, | 98.7,  | 121.9, | -74.0,  |
| 34.4,  |       |        |        |         |        |    |       |        |        |         |
| 3      | 17.1, | 79.6,  | 125.8, | -80.8,  | 32.6,  | 4  | 17.1, | 58.2,  | 130.7, | -85.1,  |
| 29.8,  |       |        |        |         |        |    |       |        |        |         |
| 5      | 17.1, | 41.0,  | 136.9, | -92.1,  | 23.0,  | 6  | 17.1, | 59.5,  | 140.9, | -98.3,  |
| 17.1,  |       |        |        |         |        |    |       |        |        |         |
| 7      | 17.1, | 77.5,  | 140.6, | -101.5, | 11.4,  | 8  | 17.1, | 93.2,  | 136.0, | -101.6, |
| 5.3,   |       |        |        |         |        |    |       |        |        |         |
| 9      | 17.1, | 106.1, | 127.3, | -98.6,  | -0.9,  | 10 | 17.1, | 115.8, | 114.8, | -92.6,  |
| -7.1,  |       |        |        |         |        |    |       |        |        |         |
| 11     | 17.1, | 121.9, | 98.7,  | -83.8,  | -13.0, | 12 | 17.1, | 125.8, | 79.6,  | -72.4,  |
| -17.9, |       |        |        |         |        |    |       |        |        |         |
| 13     | 17.1, | 130.7, | 58.2,  | -58.8,  | -19.8, | 14 | 17.1, | 136.9, | 41.0,  | -43.5,  |
| -23.7, |       |        |        |         |        |    |       |        |        |         |
| 15     | 17.1, | 140.9, | 59.5,  | -46.8,  | -27.9, | 16 | 17.1, | 140.6, | 77.5,  | -50.1,  |
| -31.2, |       |        |        |         |        |    |       |        |        |         |
| 17     | 17.1, | 136.0, | 93.2,  | -51.9,  | -33.5, | 18 | 17.1, | 127.3, | 106.1, | -52.2,  |
| -34.9, |       |        |        |         |        |    |       |        |        |         |
| 19     | 17.1, | 114.8, | 115.8, | -50.8,  | -35.2, | 20 | 17.1, | 98.7,  | 121.9, | -47.9,  |
| -34.4, |       |        |        |         |        |    |       |        |        |         |
| 21     | 17.1, | 79.6,  | 125.8, | -45.0,  | -32.6, | 22 | 17.1, | 58.2,  | 130.7, | -45.6,  |
| -29.8, |       |        |        |         |        |    |       |        |        |         |
| 23     | 17.1, | 41.0,  | 136.9, | -44.8,  | -23.0, | 24 | 17.1, | 59.5,  | 140.9, | -42.6,  |
| -17.1, |       |        |        |         |        |    |       |        |        |         |
| 25     | 17.1, | 77.5,  | 140.6, | -39.1,  | -11.4, | 26 | 17.1, | 93.2,  | 136.0, | -34.5,  |
| -5.3,  |       |        |        |         |        |    |       |        |        |         |
| 27     | 17.1, | 106.1, | 127.3, | -28.8,  | 0.9,   | 28 | 17.1, | 115.8, | 114.8, | -22.2,  |
| 7.1,   |       |        |        |         |        |    |       |        |        |         |
| 29     | 17.1, | 121.9, | 98.7,  | -14.9,  | 13.0,  | 30 | 17.1, | 125.8, | 79.6,  | -7.2,   |
| 17.9,  |       |        |        |         |        |    |       |        |        |         |
| 31     | 17.1, | 130.7, | 58.2,  | 0.7,    | 19.8,  | 32 | 17.1, | 136.9, | 41.0,  | 2.5,    |
| 23.7,  |       |        |        |         |        |    |       |        |        |         |
| 33     | 17.1, | 140.9, | 59.5,  | -12.6,  | 27.9,  | 34 | 17.1, | 140.6, | 77.5,  | -27.4,  |
| 31.2,  |       |        |        |         |        |    |       |        |        |         |
| 35     | 17.1, | 136.0, | 93.2,  | -41.3,  | 33.5,  | 36 | 17.1, | 127.3, | 106.1, | -53.9,  |
| 34.9,  |       |        |        |         |        |    |       |        |        |         |

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 463865.1, 3759834.0, 247.5, 402.1, 0.0); ( 463915.1,  
 3759834.0, 244.6, 402.1, 0.0);

|                                            |             |
|--------------------------------------------|-------------|
| ( 463965.1, 3759834.0, 243.2, 402.1, 0.0); | ( 464015.1, |
| 3759834.0, 241.9, 402.1, 0.0);             |             |
| ( 464065.1, 3759834.0, 243.0, 402.1, 0.0); | ( 464115.1, |
| 3759834.0, 243.6, 402.1, 0.0);             |             |
| ( 464165.1, 3759834.0, 243.1, 402.1, 0.0); | ( 464215.1, |
| 3759834.0, 243.0, 402.1, 0.0);             |             |
| ( 464265.1, 3759834.0, 244.1, 402.1, 0.0); | ( 464315.1, |
| 3759834.0, 246.4, 402.1, 0.0);             |             |
| ( 464365.1, 3759834.0, 249.6, 402.1, 0.0); | ( 464415.1, |
| 3759834.0, 250.6, 402.1, 0.0);             |             |
| ( 464465.1, 3759834.0, 244.9, 402.1, 0.0); | ( 464515.1, |
| 3759834.0, 244.8, 402.1, 0.0);             |             |
| ( 463865.1, 3759884.0, 249.8, 402.1, 0.0); | ( 463915.1, |
| 3759884.0, 248.4, 402.1, 0.0);             |             |
| ( 463965.1, 3759884.0, 248.2, 402.1, 0.0); | ( 464015.1, |
| 3759884.0, 246.9, 402.1, 0.0);             |             |
| ( 464065.1, 3759884.0, 245.9, 402.1, 0.0); | ( 464115.1, |
| 3759884.0, 244.6, 402.1, 0.0);             |             |
| ( 464165.1, 3759884.0, 244.0, 402.1, 0.0); | ( 464215.1, |
| 3759884.0, 244.8, 402.1, 0.0);             |             |
| ( 464265.1, 3759884.0, 247.4, 402.1, 0.0); | ( 464315.1, |
| 3759884.0, 250.3, 402.1, 0.0);             |             |
| ( 464365.1, 3759884.0, 252.2, 402.1, 0.0); | ( 464415.1, |
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| ( 464465.1, 3759884.0, 250.0, 402.1, 0.0); | ( 464515.1, |
| 3759884.0, 248.9, 402.1, 0.0);             |             |
| ( 464565.1, 3759884.0, 249.1, 402.1, 0.0); | ( 463865.1, |
| 3759934.0, 253.1, 402.1, 0.0);             |             |
| ( 463915.1, 3759934.0, 252.4, 402.1, 0.0); | ( 463965.1, |
| 3759934.0, 252.3, 402.1, 0.0);             |             |
| ( 464115.1, 3759934.0, 248.9, 402.1, 0.0); | ( 464165.1, |
| 3759934.0, 246.7, 402.1, 0.0);             |             |
| ( 464215.1, 3759934.0, 247.6, 402.1, 0.0); | ( 464265.1, |
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| ( 464315.1, 3759934.0, 252.8, 402.1, 0.0); | ( 464365.1, |
| 3759934.0, 253.4, 402.1, 0.0);             |             |
| ( 464415.1, 3759934.0, 253.7, 402.1, 0.0); | ( 464465.1, |
| 3759934.0, 252.8, 402.1, 0.0);             |             |
| ( 464515.1, 3759934.0, 252.0, 402.1, 0.0); | ( 464565.1, |
| 3759934.0, 252.2, 402.1, 0.0);             |             |
| ( 464665.1, 3759934.0, 251.2, 402.1, 0.0); | ( 463865.1, |
| 3759984.0, 256.2, 402.1, 0.0);             |             |
| ( 464115.1, 3759984.0, 253.1, 402.1, 0.0); | ( 464165.1, |
| 3759984.0, 250.3, 402.1, 0.0);             |             |
| ( 464215.1, 3759984.0, 249.4, 402.1, 0.0); | ( 464265.1, |
| 3759984.0, 251.9, 402.1, 0.0);             |             |
| ( 464315.1, 3759984.0, 253.4, 402.1, 0.0); | ( 464365.1, |
| 3759984.0, 253.9, 402.1, 0.0);             |             |
| ( 464415.1, 3759984.0, 253.9, 402.1, 0.0); | ( 464465.1, |
| 3759984.0, 253.6, 402.1, 0.0);             |             |
| ( 464515.1, 3759984.0, 253.3, 402.1, 0.0); | ( 464565.1, |

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  ( 464615.1, 3759984.0,    253.7,    402.1,    0.0);    ( 464665.1,
3759984.0,    253.5,    402.1,    0.0);
  ( 464765.1, 3759984.0,    252.4,    402.1,    0.0);    ( 464865.1,
3759984.0,    253.7,    402.1,    0.0);
  ( 464915.1, 3759984.0,    255.4,    402.1,    0.0);    ( 464165.1,
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  ( 464315.1, 3760034.0,    253.4,    402.1,    0.0);    ( 464365.1,
3760034.0,    254.0,    402.1,    0.0);
  ( 464415.1, 3760034.0,    254.0,    402.1,    0.0);    ( 464465.1,
3760034.0,    253.9,    402.1,    0.0);
  ( 464515.1, 3760034.0,    253.6,    402.1,    0.0);    ( 464565.1,
3760034.0,    253.6,    402.1,    0.0);
  ( 464615.1, 3760034.0,    253.8,    402.1,    0.0);    ( 464665.1,
3760034.0,    253.8,    402.1,    0.0);
  ( 464715.1, 3760034.0,    253.6,    402.1,    0.0);    ( 464815.1,
3760034.0,    254.3,    402.1,    0.0);
  ( 464865.1, 3760034.0,    254.7,    402.1,    0.0);    ( 464915.1,
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  ( 465065.1, 3760034.0,    256.2,    402.1,    0.0);    ( 464165.1,
3760084.0,    256.1,    402.1,    0.0);
  ( 464215.1, 3760084.0,    254.0,    402.1,    0.0);    ( 464265.1,
3760084.0,    251.7,    402.1,    0.0);
  ( 464315.1, 3760084.0,    252.7,    402.1,    0.0);    ( 464365.1,
3760084.0,    253.8,    402.1,    0.0);
  ( 464415.1, 3760084.0,    254.1,    402.1,    0.0);    ( 464465.1,
3760084.0,    254.1,    402.1,    0.0);
  ( 464515.1, 3760084.0,    253.7,    402.1,    0.0);    ( 464565.1,
3760084.0,    253.7,    402.1,    0.0);
  ( 464615.1, 3760084.0,    253.9,    402.1,    0.0);    ( 464665.1,
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  ( 464715.1, 3760084.0,    254.5,    402.1,    0.0);    ( 464865.1,
3760084.0,    255.2,    402.1,    0.0);
  ( 464915.1, 3760084.0,    255.5,    402.1,    0.0);    ( 464965.1,
3760084.0,    255.9,    402.1,    0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

  ( 465015.1, 3760084.0,    256.3,    402.1,    0.0);    ( 464115.1,
3760134.0,    260.7,    402.1,    0.0);

```

|                                            |             |
|--------------------------------------------|-------------|
| ( 464165.1, 3760134.0, 258.8, 402.1, 0.0); | ( 464215.1, |
| 3760134.0, 256.2, 402.1, 0.0);             |             |
| ( 464265.1, 3760134.0, 254.3, 402.1, 0.0); | ( 464315.1, |
| 3760134.0, 252.7, 402.1, 0.0);             |             |
| ( 464365.1, 3760134.0, 253.1, 402.1, 0.0); | ( 464415.1, |
| 3760134.0, 254.0, 402.1, 0.0);             |             |
| ( 464465.1, 3760134.0, 254.1, 402.1, 0.0); | ( 464515.1, |
| 3760134.0, 253.6, 402.1, 0.0);             |             |
| ( 464565.1, 3760134.0, 253.8, 402.1, 0.0); | ( 464615.1, |
| 3760134.0, 254.0, 402.1, 0.0);             |             |
| ( 464665.1, 3760134.0, 254.3, 402.1, 0.0); | ( 464715.1, |
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| ( 464015.1, 3760184.0, 266.8, 402.1, 0.0); | ( 464065.1, |
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| ( 464115.1, 3760184.0, 263.3, 402.1, 0.0); | ( 464165.1, |
| 3760184.0, 261.2, 402.1, 0.0);             |             |
| ( 464215.1, 3760184.0, 258.6, 402.1, 0.0); | ( 464265.1, |
| 3760184.0, 257.2, 402.1, 0.0);             |             |
| ( 464315.1, 3760184.0, 255.0, 402.1, 0.0); | ( 464365.1, |
| 3760184.0, 253.5, 402.1, 0.0);             |             |
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| ( 464065.1, 3760234.0, 268.2, 402.1, 0.0); | ( 464115.1, |
| 3760234.0, 265.3, 402.1, 0.0);             |             |
| ( 464165.1, 3760234.0, 262.7, 402.1, 0.0); | ( 464215.1, |
| 3760234.0, 260.9, 402.1, 0.0);             |             |
| ( 464265.1, 3760234.0, 259.6, 402.1, 0.0); | ( 464315.1, |
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| ( 464365.1, 3760234.0, 255.6, 402.1, 0.0); | ( 464415.1, |

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  ( 464915.1, 3760234.0,    256.0,    402.1,    0.0);    ( 464965.1,
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  ( 465015.1, 3760234.0,    256.4,    402.1,    0.0);    ( 465065.1,
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  ( 464165.1, 3760284.0,    265.0,    402.1,    0.0);    ( 464215.1,
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  ( 464265.1, 3760284.0,    260.7,    402.1,    0.0);    ( 464315.1,
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  ( 464465.1, 3760284.0,    253.1,    402.1,    0.0);    ( 464515.1,
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  ( 464565.1, 3760284.0,    254.3,    402.1,    0.0);    ( 464615.1,
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  ( 464665.1, 3760284.0,    254.8,    402.1,    0.0);    ( 464715.1,
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  ( 464915.1, 3760284.0,    256.0,    402.1,    0.0);    ( 464965.1,
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  ( 465015.1, 3760284.0,    256.3,    402.1,    0.0);    ( 465065.1,
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3760334.0,    291.8,    402.1,    0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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  ( 463965.1, 3760334.0,    282.0,    402.1,    0.0);    ( 464015.1,
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| ( 464165.1, 3760334.0, 267.4, 402.1, 0.0); | ( 464215.1, |
| 3760334.0, 265.2, 402.1, 0.0);             |             |
| ( 464265.1, 3760334.0, 262.7, 402.1, 0.0); | ( 464315.1, |
| 3760334.0, 260.1, 402.1, 0.0);             |             |
| ( 464365.1, 3760334.0, 257.9, 402.1, 0.0); | ( 464415.1, |
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| ( 464465.1, 3760334.0, 253.6, 402.1, 0.0); | ( 464515.1, |
| 3760334.0, 253.1, 402.1, 0.0);             |             |
| ( 464565.1, 3760334.0, 253.7, 402.1, 0.0); | ( 464615.1, |
| 3760334.0, 254.1, 402.1, 0.0);             |             |
| ( 464665.1, 3760334.0, 254.2, 402.1, 0.0); | ( 464715.1, |
| 3760334.0, 254.7, 402.1, 0.0);             |             |
| ( 464765.1, 3760334.0, 255.0, 402.1, 0.0); | ( 464815.1, |
| 3760334.0, 255.4, 402.1, 0.0);             |             |
| ( 464865.1, 3760334.0, 255.8, 402.1, 0.0); | ( 464915.1, |
| 3760334.0, 255.9, 402.1, 0.0);             |             |
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| 3759234.8, 252.4, 259.6, 0.0);             |             |
| ( 465022.4, 3759234.8, 257.6, 257.6, 0.0); | ( 464872.4, |
| 3759284.8, 252.9, 258.1, 0.0);             |             |
| ( 464922.4, 3759284.8, 256.2, 256.2, 0.0); | ( 464972.4, |
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| 3759334.8, 258.7, 258.7, 0.0);             |             |
| ( 464972.4, 3759334.8, 259.3, 259.3, 0.0); | ( 465022.4, |
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| ( 465072.4, 3759334.8, 259.6, 259.6, 0.0); | ( 465122.4, |
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| ( 464922.4, 3759384.8, 258.1, 258.1, 0.0); | ( 464972.4, |
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| ( 465122.4, 3759384.8, 259.6, 259.6, 0.0); | ( 464922.4, |
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| ( 464972.4, 3759434.8, 258.5, 258.5, 0.0); | ( 465122.4, |
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| 3758798.9, 254.4, 254.4, 0.0);             |             |
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| ( 464200.7, 3758798.9, 257.2, 257.2, 0.0); | ( 464250.7, |

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( 464150.7, 3758838.9,      256.4,      256.4,      0.0);      ( 464200.7,
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( 464650.7, 3758838.9,      261.3,      261.3,      0.0);      ( 464700.7,
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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 464000.7, 3758878.9,      254.8,      254.8,      0.0);      ( 464050.7,
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|                                      |       |             |
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| ( 464200.7, 3758878.9, 256.6, 256.6, | 0.0); | ( 464250.7, |
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| ( 464400.7, 3758878.9, 259.0, 259.0, | 0.0); | ( 464450.7, |
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| ( 464500.7, 3758878.9, 259.6, 259.6, | 0.0); | ( 464550.7, |
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| ( 464600.7, 3758878.9, 260.5, 260.5, | 0.0); | ( 464650.7, |
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| ( 464650.7, 3758918.9, 260.8, 260.8, | 0.0); | ( 464700.7, |
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| ( 464200.7, 3758958.9, 256.0, 256.0, | 0.0); | ( 464250.7, |
| 3758958.9, 256.5, 256.5,             | 0.0); |             |
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| ( 464500.7, 3758958.9, 259.1, 259.1, | 0.0); | ( 464550.7, |

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( 464100.7, 3759038.9,      254.6,      402.1,      0.0);      ( 464150.7,
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( 464200.7, 3759038.9,      255.5,      397.5,      0.0);      ( 464250.7,
3759038.9,      256.1,      397.5,      0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 464300.7, 3759038.9,      256.8,      256.8,      0.0);      ( 464350.7,
3759038.9,      257.4,      257.4,      0.0);

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|                                            |             |
|--------------------------------------------|-------------|
| ( 464400.7, 3759038.9, 258.0, 258.0, 0.0); | ( 464450.7, |
| 3759038.9, 257.9, 257.9, 0.0);             |             |
| ( 464500.7, 3759038.9, 258.6, 258.6, 0.0); | ( 464550.7, |
| 3759038.9, 259.1, 259.1, 0.0);             |             |
| ( 464600.7, 3759038.9, 259.9, 259.9, 0.0); | ( 464650.7, |
| 3759038.9, 260.5, 260.5, 0.0);             |             |
| ( 464700.7, 3759038.9, 259.3, 260.3, 0.0); | ( 463750.7, |
| 3759078.9, 251.6, 402.1, 0.0);             |             |
| ( 463800.7, 3759078.9, 251.9, 402.1, 0.0); | ( 463850.7, |
| 3759078.9, 252.2, 402.1, 0.0);             |             |
| ( 463900.7, 3759078.9, 252.6, 402.1, 0.0); | ( 463950.7, |
| 3759078.9, 253.0, 402.1, 0.0);             |             |
| ( 464000.7, 3759078.9, 253.5, 402.1, 0.0); | ( 464050.7, |
| 3759078.9, 254.1, 402.1, 0.0);             |             |
| ( 464100.7, 3759078.9, 254.5, 402.1, 0.0); | ( 464150.7, |
| 3759078.9, 254.9, 402.1, 0.0);             |             |
| ( 464200.7, 3759078.9, 255.3, 402.1, 0.0); | ( 464250.7, |
| 3759078.9, 256.1, 402.1, 0.0);             |             |
| ( 464300.7, 3759078.9, 256.8, 397.5, 0.0); | ( 464350.7, |
| 3759078.9, 257.7, 257.7, 0.0);             |             |
| ( 464400.7, 3759078.9, 257.8, 257.8, 0.0); | ( 464450.7, |
| 3759078.9, 258.0, 258.0, 0.0);             |             |
| ( 464500.7, 3759078.9, 258.6, 258.6, 0.0); | ( 464550.7, |
| 3759078.9, 259.4, 259.4, 0.0);             |             |
| ( 464600.7, 3759078.9, 259.8, 259.8, 0.0); | ( 464650.7, |
| 3759078.9, 259.1, 259.1, 0.0);             |             |
| ( 463750.7, 3759118.9, 251.5, 402.1, 0.0); | ( 463800.7, |
| 3759118.9, 251.8, 402.1, 0.0);             |             |
| ( 463850.7, 3759118.9, 252.0, 402.1, 0.0); | ( 463900.7, |
| 3759118.9, 252.4, 402.1, 0.0);             |             |
| ( 463950.7, 3759118.9, 252.8, 402.1, 0.0); | ( 464000.7, |
| 3759118.9, 253.4, 402.1, 0.0);             |             |
| ( 464050.7, 3759118.9, 253.9, 402.1, 0.0); | ( 464100.7, |
| 3759118.9, 254.4, 402.1, 0.0);             |             |
| ( 464150.7, 3759118.9, 254.7, 402.1, 0.0); | ( 464200.7, |
| 3759118.9, 255.2, 402.1, 0.0);             |             |
| ( 464250.7, 3759118.9, 256.0, 402.1, 0.0); | ( 464300.7, |
| 3759118.9, 256.9, 402.1, 0.0);             |             |
| ( 464350.7, 3759118.9, 257.7, 397.5, 0.0); | ( 464400.7, |
| 3759118.9, 257.6, 257.6, 0.0);             |             |
| ( 464450.7, 3759118.9, 257.8, 257.8, 0.0); | ( 464500.7, |
| 3759118.9, 257.8, 257.8, 0.0);             |             |
| ( 464550.7, 3759118.9, 258.3, 258.3, 0.0); | ( 464600.7, |
| 3759118.9, 257.0, 259.5, 0.0);             |             |
| ( 463750.7, 3759158.9, 251.4, 402.1, 0.0); | ( 463800.7, |
| 3759158.9, 251.6, 402.1, 0.0);             |             |
| ( 463850.7, 3759158.9, 252.0, 402.1, 0.0); | ( 463900.7, |
| 3759158.9, 252.4, 402.1, 0.0);             |             |
| ( 463950.7, 3759158.9, 252.8, 402.1, 0.0); | ( 464000.7, |
| 3759158.9, 253.2, 402.1, 0.0);             |             |
| ( 464050.7, 3759158.9, 253.7, 402.1, 0.0); | ( 464100.7, |

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( 464150.7, 3759158.9,      254.7,      402.1,      0.0);      ( 464200.7,
3759158.9,      255.2,      402.1,      0.0);
( 464250.7, 3759158.9,      255.8,      402.1,      0.0);      ( 464300.7,
3759158.9,      256.5,      402.1,      0.0);
( 464350.7, 3759158.9,      257.1,      402.1,      0.0);      ( 464400.7,
3759158.9,      257.2,      402.1,      0.0);
( 464450.7, 3759158.9,      257.6,      257.6,      0.0);      ( 464500.7,
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3759198.9,      251.7,      402.1,      0.0);
( 463850.7, 3759198.9,      252.1,      402.1,      0.0);      ( 463900.7,
3759198.9,      252.3,      402.1,      0.0);
( 463950.7, 3759198.9,      252.7,      402.1,      0.0);      ( 464000.7,
3759198.9,      253.2,      402.1,      0.0);
( 464050.7, 3759198.9,      253.7,      402.1,      0.0);      ( 464100.7,
3759198.9,      254.2,      402.1,      0.0);
( 464150.7, 3759198.9,      254.7,      402.1,      0.0);      ( 464200.7,
3759198.9,      255.2,      402.1,      0.0);
( 464250.7, 3759198.9,      255.8,      402.1,      0.0);      ( 464300.7,
3759198.9,      256.4,      402.1,      0.0);
( 464350.7, 3759198.9,      257.0,      402.1,      0.0);      ( 464400.7,
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( 464450.7, 3759198.9,      257.8,      402.1,      0.0);      ( 464500.7,
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( 463750.7, 3759238.9,      251.4,      402.1,      0.0);      ( 463800.7,
3759238.9,      251.7,      402.1,      0.0);
( 463850.7, 3759238.9,      251.9,      402.1,      0.0);      ( 463900.7,
3759238.9,      252.2,      402.1,      0.0);
( 463950.7, 3759238.9,      252.7,      402.1,      0.0);      ( 464000.7,
3759238.9,      253.2,      402.1,      0.0);
( 464050.7, 3759238.9,      253.8,      402.1,      0.0);      ( 464100.7,
3759238.9,      254.1,      402.1,      0.0);
( 464150.7, 3759238.9,      254.7,      402.1,      0.0);      ( 464200.7,
3759238.9,      255.2,      402.1,      0.0);
( 464250.7, 3759238.9,      255.9,      402.1,      0.0);      ( 464300.7,
3759238.9,      256.5,      402.1,      0.0);

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 464350.7, 3759238.9,      257.1,      402.1,      0.0);      ( 464400.7,
3759238.9,      257.7,      402.1,      0.0);

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|                                      |       |             |
|--------------------------------------|-------|-------------|
| ( 464450.7, 3759238.9, 257.9, 402.1, | 0.0); | ( 464500.7, |
| 3759238.9, 257.1, 402.1, 0.0);       |       |             |
| ( 464550.7, 3759238.9, 254.4, 402.1, | 0.0); | ( 463750.7, |
| 3759278.9, 251.4, 402.1, 0.0);       |       |             |
| ( 463800.7, 3759278.9, 251.6, 402.1, | 0.0); | ( 463850.7, |
| 3759278.9, 251.9, 402.1, 0.0);       |       |             |
| ( 463900.7, 3759278.9, 252.2, 402.1, | 0.0); | ( 463950.7, |
| 3759278.9, 252.5, 402.1, 0.0);       |       |             |
| ( 464000.7, 3759278.9, 253.3, 402.1, | 0.0); | ( 464050.7, |
| 3759278.9, 253.6, 402.1, 0.0);       |       |             |
| ( 464100.7, 3759278.9, 253.9, 402.1, | 0.0); | ( 464150.7, |
| 3759278.9, 254.6, 402.1, 0.0);       |       |             |
| ( 464200.7, 3759278.9, 255.2, 402.1, | 0.0); | ( 464250.7, |
| 3759278.9, 255.9, 402.1, 0.0);       |       |             |
| ( 464300.7, 3759278.9, 256.7, 402.1, | 0.0); | ( 464350.7, |
| 3759278.9, 257.5, 402.1, 0.0);       |       |             |
| ( 464400.7, 3759278.9, 257.4, 402.1, | 0.0); | ( 464450.7, |
| 3759278.9, 253.1, 402.1, 0.0);       |       |             |
| ( 464500.7, 3759278.9, 248.6, 402.1, | 0.0); | ( 463750.7, |
| 3759318.9, 251.4, 402.1, 0.0);       |       |             |
| ( 463800.7, 3759318.9, 251.5, 402.1, | 0.0); | ( 463850.7, |
| 3759318.9, 251.6, 402.1, 0.0);       |       |             |
| ( 463900.7, 3759318.9, 252.0, 402.1, | 0.0); | ( 463950.7, |
| 3759318.9, 252.5, 402.1, 0.0);       |       |             |
| ( 464000.7, 3759318.9, 253.2, 402.1, | 0.0); | ( 464050.7, |
| 3759318.9, 253.4, 402.1, 0.0);       |       |             |
| ( 464100.7, 3759318.9, 253.7, 402.1, | 0.0); | ( 464150.7, |
| 3759318.9, 254.3, 402.1, 0.0);       |       |             |
| ( 464200.7, 3759318.9, 255.1, 402.1, | 0.0); | ( 464250.7, |
| 3759318.9, 256.0, 402.1, 0.0);       |       |             |
| ( 464300.7, 3759318.9, 257.0, 402.1, | 0.0); | ( 464350.7, |
| 3759318.9, 257.6, 402.1, 0.0);       |       |             |
| ( 464400.7, 3759318.9, 257.1, 402.1, | 0.0); | ( 464450.7, |
| 3759318.9, 246.5, 402.1, 0.0);       |       |             |
| ( 463750.7, 3759358.9, 246.8, 402.1, | 0.0); | ( 463800.7, |
| 3759358.9, 246.9, 402.1, 0.0);       |       |             |
| ( 463850.7, 3759358.9, 249.4, 402.1, | 0.0); | ( 463900.7, |
| 3759358.9, 252.2, 402.1, 0.0);       |       |             |
| ( 463950.7, 3759358.9, 252.5, 402.1, | 0.0); | ( 464000.7, |
| 3759358.9, 252.9, 402.1, 0.0);       |       |             |
| ( 464050.7, 3759358.9, 253.2, 402.1, | 0.0); | ( 464100.7, |
| 3759358.9, 253.7, 402.1, 0.0);       |       |             |
| ( 464150.7, 3759358.9, 254.1, 402.1, | 0.0); | ( 464200.7, |
| 3759358.9, 255.0, 402.1, 0.0);       |       |             |
| ( 464250.7, 3759358.9, 256.1, 402.1, | 0.0); | ( 464300.7, |
| 3759358.9, 256.9, 402.1, 0.0);       |       |             |
| ( 464350.7, 3759358.9, 257.2, 402.1, | 0.0); | ( 464400.7, |
| 3759358.9, 253.2, 402.1, 0.0);       |       |             |
| ( 463750.7, 3759398.9, 238.2, 402.1, | 0.0); | ( 463800.7, |
| 3759398.9, 239.0, 402.1, 0.0);       |       |             |
| ( 463850.7, 3759398.9, 242.9, 402.1, | 0.0); | ( 463900.7, |

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3759398.9,      250.3,      402.1,      0.0);
( 463950.7, 3759398.9,      252.3,      402.1,      0.0);      ( 464000.7,
3759398.9,      252.8,      402.1,      0.0);
( 464050.7, 3759398.9,      253.2,      402.1,      0.0);      ( 464100.7,
3759398.9,      253.7,      402.1,      0.0);
( 464150.7, 3759398.9,      254.1,      402.1,      0.0);      ( 464200.7,
3759398.9,      254.5,      402.1,      0.0);
( 464250.7, 3759398.9,      255.8,      402.1,      0.0);      ( 464300.7,
3759398.9,      256.6,      402.1,      0.0);
( 464350.7, 3759398.9,      255.5,      402.1,      0.0);      ( 464400.7,
3759398.9,      246.7,      402.1,      0.0);
( 463750.7, 3759438.9,      236.1,      402.1,      0.0);      ( 463800.7,
3759438.9,      237.3,      402.1,      0.0);
( 463850.7, 3759438.9,      238.4,      402.1,      0.0);      ( 463900.7,
3759438.9,      243.6,      402.1,      0.0);
( 463950.7, 3759438.9,      251.2,      402.1,      0.0);      ( 464000.7,
3759438.9,      252.7,      402.1,      0.0);
( 464050.7, 3759438.9,      253.2,      402.1,      0.0);      ( 464100.7,
3759438.9,      253.7,      402.1,      0.0);
( 464150.7, 3759438.9,      254.5,      402.1,      0.0);      ( 464200.7,
3759438.9,      253.8,      402.1,      0.0);
( 464250.7, 3759438.9,      254.3,      402.1,      0.0);      ( 464300.7,
3759438.9,      256.1,      402.1,      0.0);
( 464350.7, 3759438.9,      251.2,      402.1,      0.0);      ( 463800.7,
3759478.9,      236.4,      402.1,      0.0);
( 463850.7, 3759478.9,      237.6,      402.1,      0.0);      ( 463900.7,
3759478.9,      239.5,      402.1,      0.0);
( 463950.7, 3759478.9,      249.8,      402.1,      0.0);      ( 464000.7,
3759478.9,      252.5,      402.1,      0.0);
( 464050.7, 3759478.9,      253.1,      402.1,      0.0);      ( 464100.7,
3759478.9,      253.9,      402.1,      0.0);
( 464250.7, 3759478.9,      252.6,      402.1,      0.0);      ( 464300.7,
3759478.9,      253.4,      402.1,      0.0);
( 464350.7, 3759478.9,      248.0,      402.1,      0.0);      ( 463850.7,
3759518.9,      237.0,      402.1,      0.0);
( 463900.7, 3759518.9,      238.2,      402.1,      0.0);      ( 463950.7,
3759518.9,      247.9,      402.1,      0.0);

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 464000.7, 3759518.9,      252.4,      402.1,      0.0);      ( 464050.7,
3759518.9,      253.1,      402.1,      0.0);

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|                                      |       |             |
|--------------------------------------|-------|-------------|
| ( 464300.7, 3759518.9, 248.8, 402.1, | 0.0); | ( 464350.7, |
| 3759518.9, 245.3, 402.1, 0.0);       |       |             |
| ( 463900.7, 3759558.9, 237.8, 402.1, | 0.0); | ( 463950.7, |
| 3759558.9, 246.2, 402.1, 0.0);       |       |             |
| ( 464000.7, 3759558.9, 250.5, 402.1, | 0.0); | ( 464350.7, |
| 3759558.9, 245.4, 402.1, 0.0);       |       |             |
| ( 464400.7, 3759558.9, 243.7, 402.1, | 0.0); | ( 463950.7, |
| 3759598.9, 242.9, 402.1, 0.0);       |       |             |
| ( 464517.4, 3759346.7, 243.1, 402.1, | 0.0); | ( 464567.4, |
| 3759346.7, 243.3, 402.1, 0.0);       |       |             |
| ( 464617.4, 3759346.7, 243.4, 402.1, | 0.0); | ( 464517.4, |
| 3759396.7, 243.0, 402.1, 0.0);       |       |             |
| ( 464567.4, 3759396.7, 242.9, 402.1, | 0.0); | ( 464617.4, |
| 3759396.7, 243.0, 402.1, 0.0);       |       |             |
| ( 464517.4, 3759446.7, 242.5, 402.1, | 0.0); | ( 464567.4, |
| 3759446.7, 242.8, 402.1, 0.0);       |       |             |
| ( 464617.4, 3759446.7, 243.9, 402.1, | 0.0); | ( 464694.8, |
| 3759819.8, 246.3, 402.1, 0.0);       |       |             |
| ( 464809.8, 3759568.5, 256.0, 402.1, | 0.0); | ( 464859.8, |
| 3759568.5, 256.2, 402.1, 0.0);       |       |             |
| ( 464609.8, 3759618.5, 243.6, 402.1, | 0.0); | ( 464659.8, |
| 3759618.5, 245.9, 402.1, 0.0);       |       |             |
| ( 464709.8, 3759618.5, 254.7, 402.1, | 0.0); | ( 464759.8, |
| 3759618.5, 256.7, 402.1, 0.0);       |       |             |
| ( 464809.8, 3759618.5, 255.9, 402.1, | 0.0); | ( 464859.8, |
| 3759618.5, 255.7, 402.1, 0.0);       |       |             |
| ( 464609.8, 3759668.5, 243.7, 402.1, | 0.0); | ( 464659.8, |
| 3759668.5, 244.1, 402.1, 0.0);       |       |             |
| ( 464709.8, 3759668.5, 249.5, 402.1, | 0.0); | ( 464759.8, |
| 3759668.5, 255.0, 402.1, 0.0);       |       |             |
| ( 464809.8, 3759668.5, 254.8, 402.1, | 0.0); | ( 464859.8, |
| 3759668.5, 254.2, 402.1, 0.0);       |       |             |
| ( 464609.8, 3759718.5, 243.5, 402.1, | 0.0); | ( 464659.8, |
| 3759718.5, 243.9, 402.1, 0.0);       |       |             |
| ( 464709.8, 3759718.5, 246.2, 402.1, | 0.0); | ( 464759.8, |
| 3759718.5, 251.1, 402.1, 0.0);       |       |             |
| ( 464444.6, 3759555.6, 242.4, 402.1, | 0.0); | ( 464494.6, |
| 3759555.6, 242.3, 402.1, 0.0);       |       |             |
| ( 464544.6, 3759555.6, 243.5, 402.1, | 0.0); | ( 464444.6, |
| 3759605.6, 242.3, 402.1, 0.0);       |       |             |
| ( 464494.6, 3759605.6, 242.3, 402.1, | 0.0); | ( 464544.6, |
| 3759605.6, 242.8, 402.1, 0.0);       |       |             |
| ( 464444.6, 3759655.6, 242.1, 402.1, | 0.0); | ( 464494.6, |
| 3759655.6, 242.6, 402.1, 0.0);       |       |             |
| ( 464544.6, 3759655.6, 242.7, 402.1, | 0.0); | ( 463980.9, |
| 3759596.8, 244.2, 402.1, 0.0);       |       |             |
| ( 464030.9, 3759596.8, 240.8, 402.1, | 0.0); | ( 464080.9, |
| 3759596.8, 240.5, 402.1, 0.0);       |       |             |
| ( 464130.9, 3759596.8, 243.7, 402.1, | 0.0); | ( 464180.9, |
| 3759596.8, 245.8, 402.1, 0.0);       |       |             |
| ( 464230.9, 3759596.8, 242.5, 402.1, | 0.0); | ( 464280.9, |

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( 463980.9, 3759646.8,      237.9,      402.1,      0.0);      ( 464030.9,
3759646.8,      238.2,      402.1,      0.0);
( 464080.9, 3759646.8,      238.9,      402.1,      0.0);      ( 464130.9,
3759646.8,      239.6,      402.1,      0.0);
( 464180.9, 3759646.8,      240.4,      402.1,      0.0);      ( 464230.9,
3759646.8,      241.2,      402.1,      0.0);
( 464280.9, 3759646.8,      241.5,      402.1,      0.0);      ( 464330.9,
3759646.8,      242.0,      402.1,      0.0);
( 464380.9, 3759646.8,      241.5,      402.1,      0.0);      ( 463980.9,
3759696.8,      238.0,      402.1,      0.0);
( 464030.9, 3759696.8,      238.2,      402.1,      0.0);      ( 464080.9,
3759696.8,      238.6,      402.1,      0.0);
( 464130.9, 3759696.8,      239.8,      402.1,      0.0);      ( 464180.9,
3759696.8,      240.8,      402.1,      0.0);
( 464230.9, 3759696.8,      241.5,      402.1,      0.0);      ( 464280.9,
3759696.8,      242.2,      402.1,      0.0);
( 464330.9, 3759696.8,      242.6,      402.1,      0.0);      ( 464380.9,
3759696.8,      241.4,      402.1,      0.0);
( 464450.8, 3759744.2,      242.5,      402.1,      0.0);      ( 464030.9,
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( 464080.9, 3759746.8,      239.7,      402.1,      0.0);      ( 464130.9,
3759746.8,      240.8,      402.1,      0.0);
( 464180.9, 3759746.8,      241.3,      402.1,      0.0);      ( 464230.9,
3759746.8,      241.6,      402.1,      0.0);
( 464280.9, 3759746.8,      242.0,      402.1,      0.0);      ( 464330.9,
3759746.8,      242.7,      402.1,      0.0);
( 464380.9, 3759746.8,      242.7,      402.1,      0.0);      ( 463980.9,
3759796.8,      240.0,      402.1,      0.0);
( 464030.9, 3759796.8,      240.5,      402.1,      0.0);      ( 464080.9,
3759796.8,      241.9,      402.1,      0.0);
( 464130.9, 3759796.8,      242.6,      402.1,      0.0);      ( 464180.9,
3759796.8,      241.8,      402.1,      0.0);
( 464230.9, 3759796.8,      242.4,      402.1,      0.0);      ( 464280.9,
3759796.8,      243.1,      402.1,      0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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PAGE 13

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 464330.9, 3759796.8,      244.4,      402.1,      0.0);      ( 464380.9,
3759796.8,      246.7,      402.1,      0.0);

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|--------------------------------------|-------|-------------|
| ( 464788.2, 3759737.2, 249.0, 402.1, | 0.0); | ( 464838.2, |
| 3759737.2, 248.6, 402.1, 0.0);       |       |             |
| ( 464888.2, 3759737.2, 250.2, 402.1, | 0.0); | ( 464938.2, |
| 3759737.2, 253.6, 402.1, 0.0);       |       |             |
| ( 464988.2, 3759737.2, 254.9, 402.1, | 0.0); | ( 465038.2, |
| 3759737.2, 255.4, 255.4, 0.0);       |       |             |
| ( 465088.2, 3759737.2, 255.7, 255.7, | 0.0); | ( 465138.2, |
| 3759737.2, 256.3, 256.3, 0.0);       |       |             |
| ( 465188.2, 3759737.2, 256.7, 256.7, | 0.0); | ( 465238.2, |
| 3759737.2, 257.0, 257.0, 0.0);       |       |             |
| ( 465288.2, 3759737.2, 257.2, 257.2, | 0.0); | ( 465338.2, |
| 3759737.2, 257.0, 257.0, 0.0);       |       |             |
| ( 465388.2, 3759737.2, 257.7, 257.7, | 0.0); | ( 464788.2, |
| 3759787.2, 246.8, 402.1, 0.0);       |       |             |
| ( 464838.2, 3759787.2, 247.6, 402.1, | 0.0); | ( 464888.2, |
| 3759787.2, 249.8, 402.1, 0.0);       |       |             |
| ( 464938.2, 3759787.2, 252.4, 402.1, | 0.0); | ( 464988.2, |
| 3759787.2, 255.0, 402.1, 0.0);       |       |             |
| ( 465038.2, 3759787.2, 256.0, 256.0, | 0.0); | ( 465088.2, |
| 3759787.2, 256.4, 256.4, 0.0);       |       |             |
| ( 465138.2, 3759787.2, 256.8, 256.8, | 0.0); | ( 465188.2, |
| 3759787.2, 257.1, 257.1, 0.0);       |       |             |
| ( 465238.2, 3759787.2, 258.0, 258.0, | 0.0); | ( 465288.2, |
| 3759787.2, 258.0, 258.0, 0.0);       |       |             |
| ( 465338.2, 3759787.2, 258.2, 258.2, | 0.0); | ( 465388.2, |
| 3759787.2, 259.2, 259.2, 0.0);       |       |             |
| ( 464788.2, 3759837.2, 246.6, 402.1, | 0.0); | ( 464838.2, |
| 3759837.2, 247.3, 402.1, 0.0);       |       |             |
| ( 464888.2, 3759837.2, 249.6, 402.1, | 0.0); | ( 464938.2, |
| 3759837.2, 254.4, 402.1, 0.0);       |       |             |
| ( 464988.2, 3759837.2, 255.4, 402.1, | 0.0); | ( 465038.2, |
| 3759837.2, 256.4, 402.1, 0.0);       |       |             |
| ( 465088.2, 3759837.2, 256.6, 256.6, | 0.0); | ( 465138.2, |
| 3759837.2, 257.1, 257.1, 0.0);       |       |             |
| ( 465188.2, 3759837.2, 257.4, 257.4, | 0.0); | ( 465238.2, |
| 3759837.2, 258.3, 258.3, 0.0);       |       |             |
| ( 465288.2, 3759837.2, 258.5, 258.5, | 0.0); | ( 465338.2, |
| 3759837.2, 258.9, 258.9, 0.0);       |       |             |
| ( 465388.2, 3759837.2, 259.3, 259.3, | 0.0); | ( 464788.2, |
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| ( 464838.2, 3759887.2, 248.5, 402.1, | 0.0); | ( 464888.2, |
| 3759887.2, 252.5, 402.1, 0.0);       |       |             |
| ( 464938.2, 3759887.2, 254.8, 402.1, | 0.0); | ( 464988.2, |
| 3759887.2, 255.8, 402.1, 0.0);       |       |             |
| ( 465038.2, 3759887.2, 256.5, 402.1, | 0.0); | ( 465088.2, |
| 3759887.2, 256.8, 256.8, 0.0);       |       |             |
| ( 465138.2, 3759887.2, 257.1, 257.1, | 0.0); | ( 465188.2, |
| 3759887.2, 257.6, 257.6, 0.0);       |       |             |
| ( 465238.2, 3759887.2, 258.0, 258.0, | 0.0); | ( 465288.2, |
| 3759887.2, 258.7, 258.7, 0.0);       |       |             |
| ( 465338.2, 3759887.2, 258.2, 258.2, | 0.0); | ( 465388.2, |

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( 464888.2, 3759937.2,      253.8,      402.1,      0.0);      ( 464938.2,
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( 464988.2, 3759937.2,      255.8,      402.1,      0.0);      ( 465038.2,
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( 465188.2, 3759937.2,      257.5,      257.5,      0.0);      ( 465238.2,
3759937.2,      258.0,      258.0,      0.0);
( 465288.2, 3759937.2,      258.7,      258.7,      0.0);      ( 465338.2,
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( 465388.2, 3759937.2,      259.4,      259.4,      0.0);      ( 464959.2,
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( 465009.2, 3759453.0,      258.3,      258.3,      0.0);      ( 465059.2,
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( 465109.2, 3759453.0,      259.1,      259.1,      0.0);      ( 465159.2,
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( 465209.2, 3759453.0,      260.2,      260.2,      0.0);      ( 465259.2,
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( 465309.2, 3759453.0,      261.2,      261.2,      0.0);      ( 465359.2,
3759453.0,      261.7,      261.7,      0.0);
( 465409.2, 3759453.0,      261.9,      261.9,      0.0);      ( 465459.2,
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( 465509.2, 3759453.0,      262.9,      262.9,      0.0);      ( 464959.2,
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( 465009.2, 3759503.0,      257.8,      257.8,      0.0);      ( 465059.2,
3759503.0,      258.4,      258.4,      0.0);
( 465109.2, 3759503.0,      258.9,      258.9,      0.0);      ( 465159.2,
3759503.0,      259.6,      259.6,      0.0);
( 465209.2, 3759503.0,      260.1,      260.1,      0.0);      ( 465259.2,
3759503.0,      260.5,      260.5,      0.0);
( 465309.2, 3759503.0,      260.6,      260.6,      0.0);      ( 465359.2,
3759503.0,      261.1,      261.1,      0.0);
( 465409.2, 3759503.0,      261.4,      261.4,      0.0);      ( 465459.2,
3759503.0,      262.0,      262.0,      0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 465509.2, 3759503.0,      263.0,      263.0,      0.0);      ( 464959.2,
3759553.0,      256.3,      256.3,      0.0);

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|--------------------------------------|-------|-------------|
| ( 465009.2, 3759553.0, 257.4, 257.4, | 0.0); | ( 465059.2, |
| 3759553.0, 258.2, 258.2, 0.0);       |       |             |
| ( 465109.2, 3759553.0, 258.7, 258.7, | 0.0); | ( 465159.2, |
| 3759553.0, 259.2, 259.2, 0.0);       |       |             |
| ( 465209.2, 3759553.0, 259.8, 259.8, | 0.0); | ( 465259.2, |
| 3759553.0, 260.1, 260.1, 0.0);       |       |             |
| ( 465309.2, 3759553.0, 259.9, 259.9, | 0.0); | ( 465359.2, |
| 3759553.0, 260.1, 260.1, 0.0);       |       |             |
| ( 465409.2, 3759553.0, 261.8, 261.8, | 0.0); | ( 465459.2, |
| 3759553.0, 262.3, 262.3, 0.0);       |       |             |
| ( 465509.2, 3759553.0, 263.2, 263.2, | 0.0); | ( 464959.2, |
| 3759603.0, 255.7, 255.7, 0.0);       |       |             |
| ( 465009.2, 3759603.0, 256.3, 256.3, | 0.0); | ( 465059.2, |
| 3759603.0, 257.2, 257.2, 0.0);       |       |             |
| ( 465109.2, 3759603.0, 257.4, 257.4, | 0.0); | ( 465159.2, |
| 3759603.0, 258.0, 258.0, 0.0);       |       |             |
| ( 465209.2, 3759603.0, 259.0, 259.0, | 0.0); | ( 465259.2, |
| 3759603.0, 259.4, 259.4, 0.0);       |       |             |
| ( 465309.2, 3759603.0, 259.4, 259.4, | 0.0); | ( 465359.2, |
| 3759603.0, 259.5, 259.5, 0.0);       |       |             |
| ( 465409.2, 3759603.0, 261.1, 261.1, | 0.0); | ( 465459.2, |
| 3759603.0, 261.4, 261.4, 0.0);       |       |             |
| ( 465509.2, 3759603.0, 262.0, 262.0, | 0.0); | ( 464959.2, |
| 3759653.0, 255.1, 402.1, 0.0);       |       |             |
| ( 465009.2, 3759653.0, 252.9, 252.9, | 0.0); | ( 465059.2, |
| 3759653.0, 255.8, 255.8, 0.0);       |       |             |
| ( 465109.2, 3759653.0, 256.0, 256.0, | 0.0); | ( 465159.2, |
| 3759653.0, 256.8, 256.8, 0.0);       |       |             |
| ( 465209.2, 3759653.0, 257.9, 257.9, | 0.0); | ( 465259.2, |
| 3759653.0, 258.2, 258.2, 0.0);       |       |             |
| ( 465309.2, 3759653.0, 258.4, 258.4, | 0.0); | ( 465359.2, |
| 3759653.0, 259.1, 259.1, 0.0);       |       |             |
| ( 465409.2, 3759653.0, 258.8, 258.8, | 0.0); | ( 465459.2, |
| 3759653.0, 258.9, 258.9, 0.0);       |       |             |
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| ( 465009.2, 3759703.0, 254.5, 254.5, | 0.0); | ( 465059.2, |
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| ( 465109.2, 3759703.0, 255.7, 255.7, | 0.0); | ( 465159.2, |
| 3759703.0, 256.3, 256.3, 0.0);       |       |             |
| ( 465209.2, 3759703.0, 257.0, 257.0, | 0.0); | ( 465259.2, |
| 3759703.0, 257.2, 257.2, 0.0);       |       |             |
| ( 465309.2, 3759703.0, 257.3, 257.3, | 0.0); | ( 465359.2, |
| 3759703.0, 257.6, 257.6, 0.0);       |       |             |
| ( 465409.2, 3759703.0, 258.0, 258.0, | 0.0); | ( 465459.2, |
| 3759703.0, 258.6, 258.6, 0.0);       |       |             |
| ( 465509.2, 3759703.0, 259.5, 259.5, | 0.0); | ( 465161.0, |
| 3759198.3, 260.9, 260.9, 0.0);       |       |             |
| ( 465211.0, 3759198.3, 261.3, 261.3, | 0.0); | ( 465261.0, |
| 3759198.3, 261.8, 261.8, 0.0);       |       |             |
| ( 465311.0, 3759198.3, 262.4, 262.4, | 0.0); | ( 465361.0, |

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3759198.3,      263.1,      263.1,      0.0);
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3759248.3,      260.8,      260.8,      0.0);
( 465261.0, 3759248.3,      261.4,      261.4,      0.0);      ( 465311.0,
3759248.3,      261.9,      261.9,      0.0);
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( 465211.0, 3759298.3,      260.3,      260.3,      0.0);      ( 465261.0,
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( 465311.0, 3759298.3,      261.6,      261.6,      0.0);      ( 465361.0,
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( 465361.0, 3759348.3,      262.1,      262.1,      0.0);      ( 465161.0,
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( 465211.0, 3759398.3,      260.2,      260.2,      0.0);      ( 465261.0,
3759398.3,      260.8,      260.8,      0.0);
( 465311.0, 3759398.3,      261.4,      261.4,      0.0);      ( 465361.0,
3759398.3,      261.9,      261.9,      0.0);
( 464719.9, 3759036.2,      258.4,      261.9,      0.0);      ( 464769.9,
3759036.2,      257.9,      261.8,      0.0);
( 464819.9, 3759036.2,      259.4,      259.4,      0.0);      ( 464869.9,
3759036.2,      261.1,      261.1,      0.0);
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( 464719.9, 3759086.2,      246.8,      262.2,      0.0);      ( 464769.9,
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( 464719.9, 3759136.2,      245.0,      262.2,      0.0);      ( 464769.9,
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3759136.2,      245.0,      262.5,      0.0);

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▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 464919.9, 3759136.2,      244.8,      262.5,      0.0);      ( 464969.9,
3759136.2,      244.8,      262.5,      0.0);

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^ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking
Structure Operations *** 11/26/24
*** AERMET - VERSION 16216 *** ***
*** 15:14:56

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\*\*\* MODELOPTs: ReqDFAULT CONC ELEV URBAN ADJ\_U\*

PROCESSING \*\*\*

[illegible]

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

PR-2024-001701 (GPA, SPA, RZ, DR) Exhibit 13 - EIR Addendum and appedices

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure Operations \*\*\* 11/26/24  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 15:14:56

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA \*\*\*

Surface file: KRAL\_v9.SFC  
Met Version: 16216  
Profile file: KRAL\_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171  
Name: UNKNOWN

Upper air station no.: 3190  
Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

| YR     | MO   | DY   | JDY  | HR    | H0    | U*    | W*     | DT/DZ  | ZICNV | ZIMCH | M-O   | LEN  | Z0   | BOWEN |
|--------|------|------|------|-------|-------|-------|--------|--------|-------|-------|-------|------|------|-------|
| ALBEDO | REF  | WS   | WD   | HT    | REF   | TA    | HT     |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 01    | -25.6 | 0.266 | -9.000 | -9.000 | -999. | 330.  | 77.9  | 0.15 | 2.40 |       |
| 1.00   | 2.93 | 55.  | 10.1 | 288.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 02    | -26.8 | 0.277 | -9.000 | -9.000 | -999. | 351.  | 84.7  | 0.15 | 2.40 |       |
| 1.00   | 3.05 | 55.  | 10.1 | 287.0 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 03    | -21.5 | 0.221 | -9.000 | -9.000 | -999. | 250.  | 53.5  | 0.15 | 2.40 |       |
| 1.00   | 2.45 | 74.  | 10.1 | 284.2 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 04    | -22.0 | 0.227 | -9.000 | -9.000 | -999. | 260.  | 56.8  | 0.15 | 2.40 |       |
| 1.00   | 2.52 | 77.  | 10.1 | 285.9 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 05    | -20.0 | 0.206 | -9.000 | -9.000 | -999. | 225.  | 46.8  | 0.15 | 2.40 |       |
| 1.00   | 2.30 | 80.  | 10.1 | 285.4 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 06    | -14.4 | 0.171 | -9.000 | -9.000 | -999. | 170.  | 32.1  | 0.15 | 2.40 |       |
| 1.00   | 1.93 | 79.  | 10.1 | 287.0 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 07    | -14.9 | 0.174 | -9.000 | -9.000 | -999. | 174.  | 33.2  | 0.15 | 2.40 |       |
| 1.00   | 1.96 | 77.  | 10.1 | 284.2 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 08    | -11.9 | 0.169 | -9.000 | -9.000 | -999. | 167.  | 36.1  | 0.15 | 2.40 |       |
| 0.53   | 1.89 | 77.  | 10.1 | 288.1 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 09    | 40.4  | 0.234 | 0.359  | 0.006  | 40.   | 272.  | -28.1 | 0.15 | 2.40 |       |
| 0.31   | 2.10 | 81.  | 10.1 | 289.2 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 10    | 112.6 | 0.246 | 0.742  | 0.005  | 129.  | 293.  | -11.8 | 0.15 | 2.40 |       |
| 0.24   | 1.99 | 101. | 10.1 | 296.4 | 2.0   |       |        |        |       |       |       |      |      |       |
| 12     | 01   | 01   | 1    | 11    | 161.0 | 0.402 | 1.188  | 0.005  | 369.  | 611.  | -35.6 | 0.15 | 2.40 |       |
| 0.21   | 3.68 | 78.  | 10.1 | 298.8 | 2.0   |       |        |        |       |       |       |      |      |       |

|      |    |    |   |    |       |       |        |        |       |      |        |      |      |
|------|----|----|---|----|-------|-------|--------|--------|-------|------|--------|------|------|
| 12   | 01 | 01 | 1 | 12 | 184.7 | 0.337 | 1.516  | 0.005  | 668.  | 473. | -18.4  | 0.15 | 2.40 |
| 0.20 |    |    |   |    | 2.89  | 68.   | 10.1   | 300.4  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 13 | 183.9 | 0.310 | 1.809  | 0.005  | 1139. | 414. | -14.2  | 0.15 | 2.40 |
| 0.20 |    |    |   |    | 2.57  | 64.   | 10.1   | 302.5  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 14 | 156.6 | 0.374 | 1.852  | 0.005  | 1434. | 549. | -29.5  | 0.15 | 2.40 |
| 0.22 |    |    |   |    | 3.37  | 63.   | 10.1   | 303.1  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 15 | 104.3 | 0.382 | 1.658  | 0.005  | 1546. | 567. | -47.2  | 0.15 | 2.40 |
| 0.25 |    |    |   |    | 3.59  | 62.   | 10.1   | 302.5  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 16 | 31.8  | 0.374 | 1.123  | 0.005  | 1573. | 550. | -145.8 | 0.15 | 2.40 |
| 0.34 |    |    |   |    | 3.76  | 69.   | 10.1   | 300.9  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 17 | -23.3 | 0.276 | -9.000 | -9.000 | -999. | 354. | 84.0   | 0.15 | 2.40 |
| 0.62 |    |    |   |    | 3.03  | 59.   | 10.1   | 297.5  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 18 | -21.5 | 0.229 | -9.000 | -9.000 | -999. | 264. | 57.8   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.54  | 54.   | 10.1   | 295.4  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 19 | -19.3 | 0.204 | -9.000 | -9.000 | -999. | 221. | 45.6   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.27  | 79.   | 10.1   | 292.0  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 20 | -20.7 | 0.218 | -9.000 | -9.000 | -999. | 244. | 52.2   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.42  | 79.   | 10.1   | 292.5  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 21 | -19.7 | 0.206 | -9.000 | -9.000 | -999. | 225. | 46.9   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.30  | 95.   | 10.1   | 290.9  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 22 | -17.6 | 0.190 | -9.000 | -9.000 | -999. | 199. | 39.8   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.13  | 78.   | 10.1   | 290.4  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 23 | -20.3 | 0.211 | -9.000 | -9.000 | -999. | 233. | 49.0   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.35  | 52.   | 10.1   | 289.2  | 2.0   |      |        |      |      |
| 12   | 01 | 01 | 1 | 24 | -16.4 | 0.183 | -9.000 | -9.000 | -999. | 189. | 37.0   | 0.15 | 2.40 |
| 1.00 |    |    |   |    | 2.06  | 75.   | 10.1   | 288.8  | 2.0   |      |        |      |      |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| 12 | 01 | 01 | 01 | 10.1   | 1 | 55.  | 2.93 | 288.2   | 99.0   | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 463865.09                  | 3759834.01          | 0.63439 | 463915.09   |
| 3759834.01                 | 0.72048             |         |             |
| 463965.09                  | 3759834.01          | 0.80970 | 464015.09   |
| 3759834.01                 | 0.88838             |         |             |
| 464065.09                  | 3759834.01          | 1.00086 | 464115.09   |
| 3759834.01                 | 1.11130             |         |             |
| 464165.09                  | 3759834.01          | 1.19479 | 464215.09   |
| 3759834.01                 | 1.30909             |         |             |
| 464265.09                  | 3759834.01          | 1.45110 | 464315.09   |
| 3759834.01                 | 1.57525             |         |             |
| 464365.09                  | 3759834.01          | 1.80159 | 464415.09   |
| 3759834.01                 | 2.14106             |         |             |
| 464465.09                  | 3759834.01          | 2.51535 | 464515.09   |
| 3759834.01                 | 2.86582             |         |             |
| 463865.09                  | 3759884.01          | 0.58426 | 463915.09   |
| 3759884.01                 | 0.65501             |         |             |
| 463965.09                  | 3759884.01          | 0.72813 | 464015.09   |
| 3759884.01                 | 0.79826             |         |             |
| 464065.09                  | 3759884.01          | 0.87922 | 464115.09   |
| 3759884.01                 | 0.94498             |         |             |
| 464165.09                  | 3759884.01          | 1.00556 | 464215.09   |
| 3759884.01                 | 1.06859             |         |             |
| 464265.09                  | 3759884.01          | 1.12513 | 464315.09   |
| 3759884.01                 | 1.16210             |         |             |
| 464365.09                  | 3759884.01          | 1.21334 | 464415.09   |
| 3759884.01                 | 1.30043             |         |             |
| 464465.09                  | 3759884.01          | 1.29530 | 464515.09   |
| 3759884.01                 | 1.09919             |         |             |
| 464565.09                  | 3759884.01          | 0.84517 | 463865.09   |
| 3759934.01                 | 0.52880             |         |             |
| 463915.09                  | 3759934.01          | 0.58407 | 463965.09   |
| 3759934.01                 | 0.63557             |         |             |
| 464115.09                  | 3759934.01          | 0.79334 | 464165.09   |
| 3759934.01                 | 0.81990             |         |             |
| 464215.09                  | 3759934.01          | 0.84965 | 464265.09   |
| 3759934.01                 | 0.85093             |         |             |
| 464315.09                  | 3759934.01          | 0.85543 | 464365.09   |
| 3759934.01                 | 0.82100             |         |             |
| 464415.09                  | 3759934.01          | 0.77716 | 464465.09   |
| 3759934.01                 | 0.68287             |         |             |
| 464515.09                  | 3759934.01          | 0.58124 | 464565.09   |
| 3759934.01                 | 0.53377             |         |             |
| 464665.09                  | 3759934.01          | 0.47908 | 463865.09   |
| 3759984.01                 | 0.47301             |         |             |
| 464115.09                  | 3759984.01          | 0.64868 | 464165.09   |
| 3759984.01                 | 0.66467             |         |             |
| 464215.09                  | 3759984.01          | 0.66282 | 464265.09   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759984.01 | 0.65675    |         |           |
| 464315.09  | 3759984.01 | 0.62799 | 464365.09 |
| 3759984.01 | 0.57069    |         |           |
| 464415.09  | 3759984.01 | 0.48338 | 464465.09 |
| 3759984.01 | 0.41980    |         |           |
| 464515.09  | 3759984.01 | 0.39266 | 464565.09 |
| 3759984.01 | 0.38684    |         |           |
| 464615.09  | 3759984.01 | 0.37948 | 464665.09 |
| 3759984.01 | 0.36205    |         |           |
| 464765.09  | 3759984.01 | 0.32305 | 464865.09 |
| 3759984.01 | 0.33287    |         |           |
| 464915.09  | 3759984.01 | 0.35247 | 464165.09 |
| 3760034.01 | 0.53666    |         |           |
| 464215.09  | 3760034.01 | 0.53342 | 464265.09 |
| 3760034.01 | 0.51366    |         |           |
| 464315.09  | 3760034.01 | 0.46295 | 464365.09 |
| 3760034.01 | 0.39971    |         |           |
| 464415.09  | 3760034.01 | 0.34336 | 464465.09 |
| 3760034.01 | 0.30795    |         |           |
| 464515.09  | 3760034.01 | 0.29768 | 464565.09 |
| 3760034.01 | 0.29586    |         |           |
| 464615.09  | 3760034.01 | 0.29154 | 464665.09 |
| 3760034.01 | 0.28009    |         |           |
| 464715.09  | 3760034.01 | 0.26641 | 464815.09 |
| 3760034.01 | 0.24983    |         |           |
| 464865.09  | 3760034.01 | 0.24946 | 464915.09 |
| 3760034.01 | 0.25659    |         |           |
| 465065.09  | 3760034.01 | 0.28393 | 464165.09 |
| 3760084.01 | 0.44812    |         |           |
| 464215.09  | 3760084.01 | 0.42891 | 464265.09 |
| 3760084.01 | 0.39360    |         |           |
| 464315.09  | 3760084.01 | 0.34265 | 464365.09 |
| 3760084.01 | 0.29904    |         |           |

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 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464415.09                  | 3760084.01          | 0.26675 | 464465.09   |
| 3760084.01                 | 0.25256             |         |             |
| 464515.09                  | 3760084.01          | 0.24930 | 464565.09   |
| 3760084.01                 | 0.24496             |         |             |
| 464615.09                  | 3760084.01          | 0.23924 | 464665.09   |
| 3760084.01                 | 0.23217             |         |             |
| 464715.09                  | 3760084.01          | 0.22295 | 464865.09   |
| 3760084.01                 | 0.20406             |         |             |
| 464915.09                  | 3760084.01          | 0.20291 | 464965.09   |
| 3760084.01                 | 0.20476             |         |             |
| 465015.09                  | 3760084.01          | 0.20956 | 464115.09   |
| 3760134.01                 | 0.38053             |         |             |
| 464165.09                  | 3760134.01          | 0.36709 | 464215.09   |
| 3760134.01                 | 0.34384             |         |             |
| 464265.09                  | 3760134.01          | 0.30211 | 464315.09   |
| 3760134.01                 | 0.26257             |         |             |
| 464365.09                  | 3760134.01          | 0.23898 | 464415.09   |
| 3760134.01                 | 0.22368             |         |             |
| 464465.09                  | 3760134.01          | 0.21798 | 464515.09   |
| 3760134.01                 | 0.21574             |         |             |
| 464565.09                  | 3760134.01          | 0.21143 | 464615.09   |
| 3760134.01                 | 0.20610             |         |             |
| 464665.09                  | 3760134.01          | 0.19870 | 464715.09   |
| 3760134.01                 | 0.19160             |         |             |
| 464765.09                  | 3760134.01          | 0.18512 | 464815.09   |
| 3760134.01                 | 0.17683             |         |             |
| 464865.09                  | 3760134.01          | 0.17287 | 464915.09   |
| 3760134.01                 | 0.16919             |         |             |
| 464965.09                  | 3760134.01          | 0.16599 | 465015.09   |
| 3760134.01                 | 0.16659             |         |             |
| 465065.09                  | 3760134.01          | 0.16695 | 463865.09   |
| 3760184.01                 | 0.30694             |         |             |
| 464015.09                  | 3760184.01          | 0.33093 | 464065.09   |
| 3760184.01                 | 0.33166             |         |             |
| 464115.09                  | 3760184.01          | 0.32331 | 464165.09   |
| 3760184.01                 | 0.30694             |         |             |
| 464215.09                  | 3760184.01          | 0.27652 | 464265.09   |
| 3760184.01                 | 0.24418             |         |             |
| 464315.09                  | 3760184.01          | 0.22048 | 464365.09   |
| 3760184.01                 | 0.20376             |         |             |
| 464415.09                  | 3760184.01          | 0.19450 | 464465.09   |
| 3760184.01                 | 0.19335             |         |             |
| 464515.09                  | 3760184.01          | 0.18997 | 464565.09   |
| 3760184.01                 | 0.18613             |         |             |
| 464615.09                  | 3760184.01          | 0.18097 | 464665.09   |
| 3760184.01                 | 0.17452             |         |             |
| 464715.09                  | 3760184.01          | 0.16957 | 464865.09   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3760184.01 | 0.14875    |         |           |
| 464915.09  | 3760184.01 | 0.14565 | 464965.09 |
| 3760184.01 | 0.14272    |         |           |
| 465015.09  | 3760184.01 | 0.13903 | 465065.09 |
| 3760184.01 | 0.13815    |         |           |
| 463865.09  | 3760234.01 | 0.29316 | 463915.09 |
| 3760234.01 | 0.28636    |         |           |
| 463965.09  | 3760234.01 | 0.28807 | 464015.09 |
| 3760234.01 | 0.28921    |         |           |
| 464065.09  | 3760234.01 | 0.28728 | 464115.09 |
| 3760234.01 | 0.27571    |         |           |
| 464165.09  | 3760234.01 | 0.25302 | 464215.09 |
| 3760234.01 | 0.22854    |         |           |
| 464265.09  | 3760234.01 | 0.21190 | 464315.09 |
| 3760234.01 | 0.19535    |         |           |
| 464365.09  | 3760234.01 | 0.18160 | 464415.09 |
| 3760234.01 | 0.17693    |         |           |
| 464465.09  | 3760234.01 | 0.17399 | 464515.09 |
| 3760234.01 | 0.17043    |         |           |
| 464565.09  | 3760234.01 | 0.16641 | 464615.09 |
| 3760234.01 | 0.16144    |         |           |
| 464665.09  | 3760234.01 | 0.15605 | 464715.09 |
| 3760234.01 | 0.15061    |         |           |
| 464765.09  | 3760234.01 | 0.14652 | 464865.09 |
| 3760234.01 | 0.13339    |         |           |
| 464915.09  | 3760234.01 | 0.12853 | 464965.09 |
| 3760234.01 | 0.12582    |         |           |
| 465015.09  | 3760234.01 | 0.12135 | 465065.09 |
| 3760234.01 | 0.11867    |         |           |
| 463865.09  | 3760284.01 | 0.27234 | 463915.09 |
| 3760284.01 | 0.26204    |         |           |
| 463965.09  | 3760284.01 | 0.26058 | 464015.09 |
| 3760284.01 | 0.26134    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464065.09                  | 3760284.01          | 0.25211 | 464115.09   |
| 3760284.01                 | 0.23707             |         |             |
| 464165.09                  | 3760284.01          | 0.21635 | 464215.09   |
| 3760284.01                 | 0.20155             |         |             |
| 464265.09                  | 3760284.01          | 0.18803 | 464315.09   |
| 3760284.01                 | 0.17372             |         |             |
| 464365.09                  | 3760284.01          | 0.16624 | 464415.09   |
| 3760284.01                 | 0.16266             |         |             |
| 464465.09                  | 3760284.01          | 0.15796 | 464515.09   |
| 3760284.01                 | 0.15461             |         |             |
| 464565.09                  | 3760284.01          | 0.14941 | 464615.09   |
| 3760284.01                 | 0.14633             |         |             |
| 464665.09                  | 3760284.01          | 0.14122 | 464715.09   |
| 3760284.01                 | 0.13600             |         |             |
| 464915.09                  | 3760284.01          | 0.11462 | 464965.09   |
| 3760284.01                 | 0.11193             |         |             |
| 465015.09                  | 3760284.01          | 0.10837 | 465065.09   |
| 3760284.01                 | 0.10503             |         |             |
| 463865.09                  | 3760334.01          | 0.25017 | 463915.09   |
| 3760334.01                 | 0.24855             |         |             |
| 463965.09                  | 3760334.01          | 0.23982 | 464015.09   |
| 3760334.01                 | 0.23412             |         |             |
| 464065.09                  | 3760334.01          | 0.22224 | 464115.09   |
| 3760334.01                 | 0.20538             |         |             |
| 464165.09                  | 3760334.01          | 0.19385 | 464215.09   |
| 3760334.01                 | 0.18348             |         |             |
| 464265.09                  | 3760334.01          | 0.17015 | 464315.09   |
| 3760334.01                 | 0.15940             |         |             |
| 464365.09                  | 3760334.01          | 0.15502 | 464415.09   |
| 3760334.01                 | 0.14990             |         |             |
| 464465.09                  | 3760334.01          | 0.14426 | 464515.09   |
| 3760334.01                 | 0.14145             |         |             |
| 464565.09                  | 3760334.01          | 0.13573 | 464615.09   |
| 3760334.01                 | 0.13374             |         |             |
| 464665.09                  | 3760334.01          | 0.12850 | 464715.09   |
| 3760334.01                 | 0.12307             |         |             |
| 464765.09                  | 3760334.01          | 0.12019 | 464815.09   |
| 3760334.01                 | 0.11552             |         |             |
| 464865.09                  | 3760334.01          | 0.11057 | 464915.09   |
| 3760334.01                 | 0.10538             |         |             |
| 465397.36                  | 3759591.35          | 0.88645 | 464972.42   |
| 3759234.75                 | 0.08864             |         |             |
| 465022.42                  | 3759234.75          | 0.09182 | 464872.42   |
| 3759284.75                 | 0.10332             |         |             |
| 464922.42                  | 3759284.75          | 0.10066 | 464972.42   |
| 3759284.75                 | 0.10253             |         |             |
| 465022.42                  | 3759284.75          | 0.10803 | 465072.42   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759284.75 | 0.11542    |         |           |
| 464872.42  | 3759334.75 | 0.11619 | 464922.42 |
| 3759334.75 | 0.11708    |         |           |
| 464972.42  | 3759334.75 | 0.12222 | 465022.42 |
| 3759334.75 | 0.13073    |         |           |
| 465072.42  | 3759334.75 | 0.14135 | 465122.42 |
| 3759334.75 | 0.15343    |         |           |
| 464922.42  | 3759384.75 | 0.14185 | 464972.42 |
| 3759384.75 | 0.15326    |         |           |
| 465022.42  | 3759384.75 | 0.16728 | 465072.42 |
| 3759384.75 | 0.18380    |         |           |
| 465122.42  | 3759384.75 | 0.20240 | 464922.42 |
| 3759434.75 | 0.18560    |         |           |
| 464972.42  | 3759434.75 | 0.20673 | 465122.42 |
| 3759434.75 | 0.28647    |         |           |
| 465172.42  | 3759434.75 | 0.31383 | 463750.66 |
| 3758798.89 | 0.13200    |         |           |
| 463800.66  | 3758798.89 | 0.13240 | 463850.66 |
| 3758798.89 | 0.13343    |         |           |
| 463900.66  | 3758798.89 | 0.13515 | 463950.66 |
| 3758798.89 | 0.13796    |         |           |
| 464000.66  | 3758798.89 | 0.14248 | 464050.66 |
| 3758798.89 | 0.14466    |         |           |
| 464100.66  | 3758798.89 | 0.14742 | 464150.66 |
| 3758798.89 | 0.15059    |         |           |
| 464200.66  | 3758798.89 | 0.15338 | 464250.66 |
| 3758798.89 | 0.15379    |         |           |
| 464300.66  | 3758798.89 | 0.14894 | 464350.66 |
| 3758798.89 | 0.14235    |         |           |
| 464400.66  | 3758798.89 | 0.13544 | 464450.66 |
| 3758798.89 | 0.12521    |         |           |
| 464500.66  | 3758798.89 | 0.11520 | 464550.66 |
| 3758798.89 | 0.10374    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 15:14:56

PAGE 21

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464600.66                  | 3758798.89          | 0.09407 | 464650.66   |
| 3758798.89                 | 0.08487             |         |             |
| 464700.66                  | 3758798.89          | 0.07644 | 464750.66   |
| 3758798.89                 | 0.06862             |         |             |
| 463750.66                  | 3758838.89          | 0.13765 | 463800.66   |
| 3758838.89                 | 0.13883             |         |             |
| 463850.66                  | 3758838.89          | 0.13987 | 463900.66   |
| 3758838.89                 | 0.14401             |         |             |
| 463950.66                  | 3758838.89          | 0.14733 | 464000.66   |
| 3758838.89                 | 0.15224             |         |             |
| 464050.66                  | 3758838.89          | 0.15557 | 464100.66   |
| 3758838.89                 | 0.16021             |         |             |
| 464150.66                  | 3758838.89          | 0.16386 | 464200.66   |
| 3758838.89                 | 0.16682             |         |             |
| 464250.66                  | 3758838.89          | 0.16938 | 464300.66   |
| 3758838.89                 | 0.16433             |         |             |
| 464350.66                  | 3758838.89          | 0.15675 | 464400.66   |
| 3758838.89                 | 0.14772             |         |             |
| 464450.66                  | 3758838.89          | 0.13824 | 464500.66   |
| 3758838.89                 | 0.12657             |         |             |
| 464550.66                  | 3758838.89          | 0.11341 | 464600.66   |
| 3758838.89                 | 0.10121             |         |             |
| 464650.66                  | 3758838.89          | 0.09072 | 464700.66   |
| 3758838.89                 | 0.08112             |         |             |
| 464750.66                  | 3758838.89          | 0.07133 | 463750.66   |
| 3758878.89                 | 0.14302             |         |             |
| 463800.66                  | 3758878.89          | 0.14489 | 463850.66   |
| 3758878.89                 | 0.14867             |         |             |
| 463900.66                  | 3758878.89          | 0.15301 | 463950.66   |
| 3758878.89                 | 0.15715             |         |             |
| 464000.66                  | 3758878.89          | 0.16210 | 464050.66   |
| 3758878.89                 | 0.16849             |         |             |
| 464100.66                  | 3758878.89          | 0.17303 | 464150.66   |
| 3758878.89                 | 0.17744             |         |             |
| 464200.66                  | 3758878.89          | 0.18194 | 464250.66   |
| 3758878.89                 | 0.18355             |         |             |
| 464300.66                  | 3758878.89          | 0.18195 | 464350.66   |
| 3758878.89                 | 0.17406             |         |             |
| 464400.66                  | 3758878.89          | 0.16424 | 464450.66   |
| 3758878.89                 | 0.15139             |         |             |
| 464500.66                  | 3758878.89          | 0.13822 | 464550.66   |
| 3758878.89                 | 0.12303             |         |             |
| 464600.66                  | 3758878.89          | 0.10904 | 464650.66   |
| 3758878.89                 | 0.09710             |         |             |
| 464700.66                  | 3758878.89          | 0.08619 | 464750.66   |
| 3758878.89                 | 0.07590             |         |             |
| 463750.66                  | 3758918.89          | 0.14770 | 463800.66   |

|                                                                                                                                                                      |            |         |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|-----------|
| 3758918.89                                                                                                                                                           | 0.15249    |         |           |
| 463850.66                                                                                                                                                            | 3758918.89 | 0.15724 | 463900.66 |
| 3758918.89                                                                                                                                                           | 0.16176    |         |           |
| 463950.66                                                                                                                                                            | 3758918.89 | 0.16838 | 464000.66 |
| 3758918.89                                                                                                                                                           | 0.17427    |         |           |
| 464050.66                                                                                                                                                            | 3758918.89 | 0.18206 | 464100.66 |
| 3758918.89                                                                                                                                                           | 0.18678    |         |           |
| 464150.66                                                                                                                                                            | 3758918.89 | 0.19469 | 464200.66 |
| 3758918.89                                                                                                                                                           | 0.19986    |         |           |
| 464250.66                                                                                                                                                            | 3758918.89 | 0.20235 | 464300.66 |
| 3758918.89                                                                                                                                                           | 0.20213    |         |           |
| 464350.66                                                                                                                                                            | 3758918.89 | 0.19387 | 464400.66 |
| 3758918.89                                                                                                                                                           | 0.18264    |         |           |
| 464450.66                                                                                                                                                            | 3758918.89 | 0.16904 | 464500.66 |
| 3758918.89                                                                                                                                                           | 0.15246    |         |           |
| 464550.66                                                                                                                                                            | 3758918.89 | 0.13391 | 464600.66 |
| 3758918.89                                                                                                                                                           | 0.11770    |         |           |
| 464650.66                                                                                                                                                            | 3758918.89 | 0.10402 | 464700.66 |
| 3758918.89                                                                                                                                                           | 0.09097    |         |           |
| 464750.66                                                                                                                                                            | 3758918.89 | 0.08052 | 463750.66 |
| 3758958.89                                                                                                                                                           | 0.15365    |         |           |
| 463800.66                                                                                                                                                            | 3758958.89 | 0.15929 | 463850.66 |
| 3758958.89                                                                                                                                                           | 0.16642    |         |           |
| 463900.66                                                                                                                                                            | 3758958.89 | 0.17421 | 463950.66 |
| 3758958.89                                                                                                                                                           | 0.18277    |         |           |
| 464000.66                                                                                                                                                            | 3758958.89 | 0.18808 | 464050.66 |
| 3758958.89                                                                                                                                                           | 0.19753    |         |           |
| 464100.66                                                                                                                                                            | 3758958.89 | 0.20491 | 464150.66 |
| 3758958.89                                                                                                                                                           | 0.21257    |         |           |
| 464200.66                                                                                                                                                            | 3758958.89 | 0.21825 | 464250.66 |
| 3758958.89                                                                                                                                                           | 0.22209    |         |           |
| 464300.66                                                                                                                                                            | 3758958.89 | 0.22520 | 464350.66 |
| 3758958.89                                                                                                                                                           | 0.21621    |         |           |
| ▲ *** AERMOD - VERSION 21112 *** *** Riverside Community Hospital Parking<br>Structure Operations *** 11/26/24<br>*** AERMET - VERSION 16216 *** ***<br>*** 15:14:56 |            |         |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464400.66                  | 3758958.89          | 0.20315 | 464450.66   |
| 3758958.89                 | 0.18615             |         |             |
| 464500.66                  | 3758958.89          | 0.16749 | 464550.66   |
| 3758958.89                 | 0.14796             |         |             |
| 464600.66                  | 3758958.89          | 0.12734 | 464650.66   |
| 3758958.89                 | 0.11153             |         |             |
| 464700.66                  | 3758958.89          | 0.09682 | 464750.66   |
| 3758958.89                 | 0.08501             |         |             |
| 463750.66                  | 3758998.89          | 0.15997 | 463800.66   |
| 3758998.89                 | 0.16620             |         |             |
| 463850.66                  | 3758998.89          | 0.17501 | 463900.66   |
| 3758998.89                 | 0.18534             |         |             |
| 463950.66                  | 3758998.89          | 0.19526 | 464000.66   |
| 3758998.89                 | 0.20684             |         |             |
| 464050.66                  | 3758998.89          | 0.21606 | 464100.66   |
| 3758998.89                 | 0.22416             |         |             |
| 464150.66                  | 3758998.89          | 0.23323 | 464200.66   |
| 3758998.89                 | 0.23860             |         |             |
| 464250.66                  | 3758998.89          | 0.24750 | 464300.66   |
| 3758998.89                 | 0.24735             |         |             |
| 464350.66                  | 3758998.89          | 0.24150 | 464400.66   |
| 3758998.89                 | 0.22463             |         |             |
| 464450.66                  | 3758998.89          | 0.20768 | 464500.66   |
| 3758998.89                 | 0.18616             |         |             |
| 464550.66                  | 3758998.89          | 0.16195 | 464600.66   |
| 3758998.89                 | 0.13808             |         |             |
| 464650.66                  | 3758998.89          | 0.12015 | 464700.66   |
| 3758998.89                 | 0.10300             |         |             |
| 464750.66                  | 3758998.89          | 0.08973 | 463750.66   |
| 3759038.89                 | 0.16727             |         |             |
| 463800.66                  | 3759038.89          | 0.17500 | 463850.66   |
| 3759038.89                 | 0.18500             |         |             |
| 463900.66                  | 3759038.89          | 0.19960 | 463950.66   |
| 3759038.89                 | 0.21362             |         |             |
| 464000.66                  | 3759038.89          | 0.22335 | 464050.66   |
| 3759038.89                 | 0.23667             |         |             |
| 464100.66                  | 3759038.89          | 0.24878 | 464150.66   |
| 3759038.89                 | 0.25783             |         |             |
| 464200.66                  | 3759038.89          | 0.26616 | 464250.66   |
| 3759038.89                 | 0.27262             |         |             |
| 464300.66                  | 3759038.89          | 0.27576 | 464350.66   |
| 3759038.89                 | 0.27192             |         |             |
| 464400.66                  | 3759038.89          | 0.25274 | 464450.66   |
| 3759038.89                 | 0.23358             |         |             |
| 464500.66                  | 3759038.89          | 0.20845 | 464550.66   |
| 3759038.89                 | 0.18033             |         |             |
| 464600.66                  | 3759038.89          | 0.15223 | 464650.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759038.89 | 0.12926    |         |           |
| 464700.66  | 3759038.89 | 0.10868 | 463750.66 |
| 3759078.89 | 0.17817    |         |           |
| 463800.66  | 3759078.89 | 0.18544 | 463850.66 |
| 3759078.89 | 0.19750    |         |           |
| 463900.66  | 3759078.89 | 0.21170 | 463950.66 |
| 3759078.89 | 0.23117    |         |           |
| 464000.66  | 3759078.89 | 0.24591 | 464050.66 |
| 3759078.89 | 0.26503    |         |           |
| 464100.66  | 3759078.89 | 0.27338 | 464150.66 |
| 3759078.89 | 0.28628    |         |           |
| 464200.66  | 3759078.89 | 0.29807 | 464250.66 |
| 3759078.89 | 0.30047    |         |           |
| 464300.66  | 3759078.89 | 0.30767 | 464350.66 |
| 3759078.89 | 0.30548    |         |           |
| 464400.66  | 3759078.89 | 0.28896 | 464450.66 |
| 3759078.89 | 0.26291    |         |           |
| 464500.66  | 3759078.89 | 0.23145 | 464550.66 |
| 3759078.89 | 0.19913    |         |           |
| 464600.66  | 3759078.89 | 0.16614 | 464650.66 |
| 3759078.89 | 0.13893    |         |           |
| 463750.66  | 3759118.89 | 0.19587 | 463800.66 |
| 3759118.89 | 0.20325    |         |           |
| 463850.66  | 3759118.89 | 0.21497 | 463900.66 |
| 3759118.89 | 0.23338    |         |           |
| 463950.66  | 3759118.89 | 0.25262 | 464000.66 |
| 3759118.89 | 0.27324    |         |           |
| 464050.66  | 3759118.89 | 0.29220 | 464100.66 |
| 3759118.89 | 0.30912    |         |           |
| 464150.66  | 3759118.89 | 0.31835 | 464200.66 |
| 3759118.89 | 0.32777    |         |           |
| 464250.66  | 3759118.89 | 0.33839 | 464300.66 |
| 3759118.89 | 0.34510    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 15:14:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464350.66                  | 3759118.89          | 0.34189 | 464400.66   |
| 3759118.89                 | 0.32686             |         |             |
| 464450.66                  | 3759118.89          | 0.29685 | 464500.66   |
| 3759118.89                 | 0.26246             |         |             |
| 464550.66                  | 3759118.89          | 0.22282 | 464600.66   |
| 3759118.89                 | 0.18109             |         |             |
| 463750.66                  | 3759158.89          | 0.22151 | 463800.66   |
| 3759158.89                 | 0.22706             |         |             |
| 463850.66                  | 3759158.89          | 0.23881 | 463900.66   |
| 3759158.89                 | 0.25597             |         |             |
| 463950.66                  | 3759158.89          | 0.28106 | 464000.66   |
| 3759158.89                 | 0.30891             |         |             |
| 464050.66                  | 3759158.89          | 0.32700 | 464100.66   |
| 3759158.89                 | 0.34910             |         |             |
| 464150.66                  | 3759158.89          | 0.36121 | 464200.66   |
| 3759158.89                 | 0.37283             |         |             |
| 464250.66                  | 3759158.89          | 0.38357 | 464300.66   |
| 3759158.89                 | 0.38183             |         |             |
| 464350.66                  | 3759158.89          | 0.38250 | 464400.66   |
| 3759158.89                 | 0.37107             |         |             |
| 464450.66                  | 3759158.89          | 0.33711 | 464500.66   |
| 3759158.89                 | 0.29369             |         |             |
| 463750.66                  | 3759198.89          | 0.25420 | 463800.66   |
| 3759198.89                 | 0.26398             |         |             |
| 463850.66                  | 3759198.89          | 0.28062 | 463900.66   |
| 3759198.89                 | 0.29012             |         |             |
| 463950.66                  | 3759198.89          | 0.31361 | 464000.66   |
| 3759198.89                 | 0.35078             |         |             |
| 464050.66                  | 3759198.89          | 0.37155 | 464100.66   |
| 3759198.89                 | 0.39736             |         |             |
| 464150.66                  | 3759198.89          | 0.41654 | 464200.66   |
| 3759198.89                 | 0.42307             |         |             |
| 464250.66                  | 3759198.89          | 0.43424 | 464300.66   |
| 3759198.89                 | 0.43408             |         |             |
| 464350.66                  | 3759198.89          | 0.43399 | 464400.66   |
| 3759198.89                 | 0.42083             |         |             |
| 464450.66                  | 3759198.89          | 0.38483 | 464500.66   |
| 3759198.89                 | 0.33362             |         |             |
| 463750.66                  | 3759238.89          | 0.29154 | 463800.66   |
| 3759238.89                 | 0.30703             |         |             |
| 463850.66                  | 3759238.89          | 0.33215 | 463900.66   |
| 3759238.89                 | 0.34884             |         |             |
| 463950.66                  | 3759238.89          | 0.36186 | 464000.66   |
| 3759238.89                 | 0.40649             |         |             |
| 464050.66                  | 3759238.89          | 0.43844 | 464100.66   |
| 3759238.89                 | 0.46365             |         |             |
| 464150.66                  | 3759238.89          | 0.49300 | 464200.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759238.89 | 0.48927    |         |           |
| 464250.66  | 3759238.89 | 0.49249 | 464300.66 |
| 3759238.89 | 0.50007    |         |           |
| 464350.66  | 3759238.89 | 0.48994 | 464400.66 |
| 3759238.89 | 0.48105    |         |           |
| 464450.66  | 3759238.89 | 0.44625 | 464500.66 |
| 3759238.89 | 0.38667    |         |           |
| 464550.66  | 3759238.89 | 0.31732 | 463750.66 |
| 3759278.89 | 0.32274    |         |           |
| 463800.66  | 3759278.89 | 0.35978 | 463850.66 |
| 3759278.89 | 0.39200    |         |           |
| 463900.66  | 3759278.89 | 0.41910 | 463950.66 |
| 3759278.89 | 0.45563    |         |           |
| 464000.66  | 3759278.89 | 0.47392 | 464050.66 |
| 3759278.89 | 0.51694    |         |           |
| 464100.66  | 3759278.89 | 0.55867 | 464150.66 |
| 3759278.89 | 0.57706    |         |           |
| 464200.66  | 3759278.89 | 0.58337 | 464250.66 |
| 3759278.89 | 0.57227    |         |           |
| 464300.66  | 3759278.89 | 0.57621 | 464350.66 |
| 3759278.89 | 0.56293    |         |           |
| 464400.66  | 3759278.89 | 0.55174 | 464450.66 |
| 3759278.89 | 0.51944    |         |           |
| 464500.66  | 3759278.89 | 0.44643 | 463750.66 |
| 3759318.89 | 0.37155    |         |           |
| 463800.66  | 3759318.89 | 0.42031 | 463850.66 |
| 3759318.89 | 0.45007    |         |           |
| 463900.66  | 3759318.89 | 0.51010 | 463950.66 |
| 3759318.89 | 0.54851    |         |           |
| 464000.66  | 3759318.89 | 0.58672 | 464050.66 |
| 3759318.89 | 0.62826    |         |           |
| 464100.66  | 3759318.89 | 0.66891 | 464150.66 |
| 3759318.89 | 0.69606    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 15:14:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464200.66                  | 3759318.89          | 0.69918 | 464250.66   |
| 3759318.89                 | 0.69208             |         |             |
| 464300.66                  | 3759318.89          | 0.66887 | 464350.66   |
| 3759318.89                 | 0.65583             |         |             |
| 464400.66                  | 3759318.89          | 0.63315 | 464450.66   |
| 3759318.89                 | 0.60017             |         |             |
| 463750.66                  | 3759358.89          | 0.41908 | 463800.66   |
| 3759358.89                 | 0.47107             |         |             |
| 463850.66                  | 3759358.89          | 0.53415 | 463900.66   |
| 3759358.89                 | 0.58081             |         |             |
| 463950.66                  | 3759358.89          | 0.65395 | 464000.66   |
| 3759358.89                 | 0.72116             |         |             |
| 464050.66                  | 3759358.89          | 0.77388 | 464100.66   |
| 3759358.89                 | 0.80759             |         |             |
| 464150.66                  | 3759358.89          | 0.86018 | 464200.66   |
| 3759358.89                 | 0.87619             |         |             |
| 464250.66                  | 3759358.89          | 0.86410 | 464300.66   |
| 3759358.89                 | 0.81395             |         |             |
| 464350.66                  | 3759358.89          | 0.76563 | 464400.66   |
| 3759358.89                 | 0.73609             |         |             |
| 463750.66                  | 3759398.89          | 0.43327 | 463800.66   |
| 3759398.89                 | 0.49711             |         |             |
| 463850.66                  | 3759398.89          | 0.60381 | 463900.66   |
| 3759398.89                 | 0.68223             |         |             |
| 463950.66                  | 3759398.89          | 0.75735 | 464000.66   |
| 3759398.89                 | 0.84730             |         |             |
| 464050.66                  | 3759398.89          | 0.94541 | 464100.66   |
| 3759398.89                 | 0.99454             |         |             |
| 464150.66                  | 3759398.89          | 1.05859 | 464200.66   |
| 3759398.89                 | 1.09771             |         |             |
| 464250.66                  | 3759398.89          | 1.09669 | 464300.66   |
| 3759398.89                 | 1.02258             |         |             |
| 464350.66                  | 3759398.89          | 0.94534 | 464400.66   |
| 3759398.89                 | 0.86690             |         |             |
| 463750.66                  | 3759438.89          | 0.46127 | 463800.66   |
| 3759438.89                 | 0.54026             |         |             |
| 463850.66                  | 3759438.89          | 0.63185 | 463900.66   |
| 3759438.89                 | 0.78657             |         |             |
| 463950.66                  | 3759438.89          | 0.87910 | 464000.66   |
| 3759438.89                 | 1.00056             |         |             |
| 464050.66                  | 3759438.89          | 1.11410 | 464100.66   |
| 3759438.89                 | 1.20099             |         |             |
| 464150.66                  | 3759438.89          | 1.29041 | 464200.66   |
| 3759438.89                 | 1.40761             |         |             |
| 464250.66                  | 3759438.89          | 1.38526 | 464300.66   |
| 3759438.89                 | 1.34162             |         |             |
| 464350.66                  | 3759438.89          | 1.19203 | 463800.66   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759478.89 | 0.57163    |         |           |
| 463850.66  | 3759478.89 | 0.66424 | 463900.66 |
| 3759478.89 | 0.78599    |         |           |
| 463950.66  | 3759478.89 | 0.96878 | 464000.66 |
| 3759478.89 | 1.11996    |         |           |
| 464050.66  | 3759478.89 | 1.24878 | 464100.66 |
| 3759478.89 | 1.44099    |         |           |
| 464250.66  | 3759478.89 | 1.76850 | 464300.66 |
| 3759478.89 | 1.72537    |         |           |
| 464350.66  | 3759478.89 | 1.62713 | 463850.66 |
| 3759518.89 | 0.71027    |         |           |
| 463900.66  | 3759518.89 | 0.83812 | 463950.66 |
| 3759518.89 | 1.05933    |         |           |
| 464000.66  | 3759518.89 | 1.20767 | 464050.66 |
| 3759518.89 | 1.38022    |         |           |
| 464300.66  | 3759518.89 | 2.28406 | 464350.66 |
| 3759518.89 | 2.19509    |         |           |
| 463900.66  | 3759558.89 | 0.84707 | 463950.66 |
| 3759558.89 | 1.07887    |         |           |
| 464000.66  | 3759558.89 | 1.26648 | 464350.66 |
| 3759558.89 | 2.93953    |         |           |
| 464400.66  | 3759558.89 | 2.83590 | 463950.66 |
| 3759598.89 | 1.05163    |         |           |
| 464517.36  | 3759346.67 | 0.54876 | 464567.36 |
| 3759346.67 | 0.43376    |         |           |
| 464617.36  | 3759346.67 | 0.31828 | 464517.36 |
| 3759396.67 | 0.68397    |         |           |
| 464567.36  | 3759396.67 | 0.52693 | 464617.36 |
| 3759396.67 | 0.37571    |         |           |
| 464517.36  | 3759446.67 | 0.85415 | 464567.36 |
| 3759446.67 | 0.66053    |         |           |
| 464617.36  | 3759446.67 | 0.46000 | 464694.84 |
| 3759819.76 | 1.33790    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 15:14:56

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 464809.77                  | 3759568.55          | 0.42507 | 464859.77   |
| 3759568.55                 | 0.51763             |         |             |
| 464609.77                  | 3759618.55          | 1.75969 | 464659.77   |
| 3759618.55                 | 0.66198             |         |             |
| 464709.77                  | 3759618.55          | 0.49133 | 464759.77   |
| 3759618.55                 | 0.63764             |         |             |
| 464809.77                  | 3759618.55          | 0.85256 | 464859.77   |
| 3759618.55                 | 1.03128             |         |             |
| 464609.77                  | 3759668.55          | 2.79356 | 464659.77   |
| 3759668.55                 | 0.79399             |         |             |
| 464709.77                  | 3759668.55          | 1.10337 | 464759.77   |
| 3759668.55                 | 1.80344             |         |             |
| 464809.77                  | 3759668.55          | 2.14542 | 464859.77   |
| 3759668.55                 | 2.20392             |         |             |
| 464609.77                  | 3759718.55          | 7.70339 | 464659.77   |
| 3759718.55                 | 4.99965             |         |             |
| 464709.77                  | 3759718.55          | 5.51152 | 464759.77   |
| 3759718.55                 | 5.01836             |         |             |
| 464444.57                  | 3759555.56          | 2.41822 | 464494.57   |
| 3759555.56                 | 1.99613             |         |             |
| 464544.57                  | 3759555.56          | 1.66000 | 464444.57   |
| 3759605.56                 | 4.42059             |         |             |
| 464494.57                  | 3759605.56          | 3.85084 | 464544.57   |
| 3759605.56                 | 2.88488             |         |             |
| 464444.57                  | 3759655.56          | 6.75168 | 464494.57   |
| 3759655.56                 | 8.17383             |         |             |
| 464544.57                  | 3759655.56          | 6.92224 | 463980.94   |
| 3759596.79                 | 1.16632             |         |             |
| 464030.94                  | 3759596.79          | 1.35170 | 464080.94   |
| 3759596.79                 | 1.58482             |         |             |
| 464130.94                  | 3759596.79          | 1.90089 | 464180.94   |
| 3759596.79                 | 2.23141             |         |             |
| 464230.94                  | 3759596.79          | 2.56418 | 464280.94   |
| 3759596.79                 | 2.98091             |         |             |
| 464330.94                  | 3759596.79          | 3.38027 | 464380.94   |
| 3759596.79                 | 3.86247             |         |             |
| 463980.94                  | 3759646.79          | 1.05980 | 464030.94   |
| 3759646.79                 | 1.24431             |         |             |
| 464080.94                  | 3759646.79          | 1.48071 | 464130.94   |
| 3759646.79                 | 1.75130             |         |             |
| 464180.94                  | 3759646.79          | 2.08949 | 464230.94   |
| 3759646.79                 | 2.48629             |         |             |
| 464280.94                  | 3759646.79          | 2.92948 | 464330.94   |
| 3759646.79                 | 3.54981             |         |             |
| 464380.94                  | 3759646.79          | 4.53051 | 463980.94   |
| 3759696.79                 | 1.01343             |         |             |
| 464030.94                  | 3759696.79          | 1.17271 | 464080.94   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759696.79 | 1.35653    |         |           |
| 464130.94  | 3759696.79 | 1.57718 | 464180.94 |
| 3759696.79 | 1.82974    |         |           |
| 464230.94  | 3759696.79 | 2.18635 | 464280.94 |
| 3759696.79 | 2.65175    |         |           |
| 464330.94  | 3759696.79 | 3.31942 | 464380.94 |
| 3759696.79 | 4.37350    |         |           |
| 464450.80  | 3759744.24 | 5.79856 | 464030.94 |
| 3759746.79 | 1.07548    |         |           |
| 464080.94  | 3759746.79 | 1.23608 | 464130.94 |
| 3759746.79 | 1.43151    |         |           |
| 464180.94  | 3759746.79 | 1.61297 | 464230.94 |
| 3759746.79 | 1.88279    |         |           |
| 464280.94  | 3759746.79 | 2.19533 | 464330.94 |
| 3759746.79 | 2.67797    |         |           |
| 464380.94  | 3759746.79 | 3.53879 | 463980.94 |
| 3759796.79 | 0.86094    |         |           |
| 464030.94  | 3759796.79 | 0.97270 | 464080.94 |
| 3759796.79 | 1.13169    |         |           |
| 464130.94  | 3759796.79 | 1.26480 | 464180.94 |
| 3759796.79 | 1.38438    |         |           |
| 464230.94  | 3759796.79 | 1.54852 | 464280.94 |
| 3759796.79 | 1.77468    |         |           |
| 464330.94  | 3759796.79 | 2.05214 | 464380.94 |
| 3759796.79 | 2.56873    |         |           |
| 464788.18  | 3759737.20 | 5.05859 | 464838.18 |
| 3759737.20 | 4.17677    |         |           |
| 464888.18  | 3759737.20 | 3.49547 | 464938.18 |
| 3759737.20 | 3.02944    |         |           |
| 464988.18  | 3759737.20 | 2.72637 | 465038.18 |
| 3759737.20 | 2.45009    |         |           |
| 465088.18  | 3759737.20 | 2.19592 | 465138.18 |
| 3759737.20 | 1.97229    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M)<br>Y-COORD (M) | Y-COORD (M)<br>CONC | CONC    | X-COORD (M) |
|----------------------------|---------------------|---------|-------------|
| -----                      |                     |         |             |
| 465188.18                  | 3759737.20          | 1.77845 | 465238.18   |
| 3759737.20                 | 1.59530             |         |             |
| 465288.18                  | 3759737.20          | 1.43627 | 465338.18   |
| 3759737.20                 | 1.29663             |         |             |
| 465388.18                  | 3759737.20          | 1.16782 | 464788.18   |
| 3759787.20                 | 3.33567             |         |             |
| 464838.18                  | 3759787.20          | 3.02321 | 464888.18   |
| 3759787.20                 | 2.68057             |         |             |
| 464938.18                  | 3759787.20          | 2.40696 | 464988.18   |
| 3759787.20                 | 2.23536             |         |             |
| 465038.18                  | 3759787.20          | 2.06620 | 465088.18   |
| 3759787.20                 | 1.88083             |         |             |
| 465138.18                  | 3759787.20          | 1.71492 | 465188.18   |
| 3759787.20                 | 1.55897             |         |             |
| 465238.18                  | 3759787.20          | 1.41146 | 465288.18   |
| 3759787.20                 | 1.28021             |         |             |
| 465338.18                  | 3759787.20          | 1.16545 | 465388.18   |
| 3759787.20                 | 1.06570             |         |             |
| 464788.18                  | 3759837.20          | 1.29785 | 464838.18   |
| 3759837.20                 | 1.39264             |         |             |
| 464888.18                  | 3759837.20          | 1.40645 | 464938.18   |
| 3759837.20                 | 1.42915             |         |             |
| 464988.18                  | 3759837.20          | 1.41099 | 465038.18   |
| 3759837.20                 | 1.38053             |         |             |
| 465088.18                  | 3759837.20          | 1.30975 | 465138.18   |
| 3759837.20                 | 1.23074             |         |             |
| 465188.18                  | 3759837.20          | 1.14905 | 465238.18   |
| 3759837.20                 | 1.08682             |         |             |
| 465288.18                  | 3759837.20          | 1.00668 | 465338.18   |
| 3759837.20                 | 0.93115             |         |             |
| 465388.18                  | 3759837.20          | 0.86351 | 464788.18   |
| 3759887.20                 | 0.68367             |         |             |
| 464838.18                  | 3759887.20          | 0.72946 | 464888.18   |
| 3759887.20                 | 0.77566             |         |             |
| 464938.18                  | 3759887.20          | 0.81637 | 464988.18   |
| 3759887.20                 | 0.84883             |         |             |
| 465038.18                  | 3759887.20          | 0.86084 | 465088.18   |
| 3759887.20                 | 0.85381             |         |             |
| 465138.18                  | 3759887.20          | 0.83219 | 465188.18   |
| 3759887.20                 | 0.79935             |         |             |
| 465238.18                  | 3759887.20          | 0.76546 | 465288.18   |
| 3759887.20                 | 0.72896             |         |             |
| 465338.18                  | 3759887.20          | 0.68966 | 465388.18   |
| 3759887.20                 | 0.65423             |         |             |
| 464788.18                  | 3759937.20          | 0.43238 | 464838.18   |
| 3759937.20                 | 0.45011             |         |             |
| 464888.18                  | 3759937.20          | 0.48618 | 464938.18   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759937.20 | 0.51750    |         |           |
| 464988.18  | 3759937.20 | 0.53616 | 465038.18 |
| 3759937.20 | 0.54860    |         |           |
| 465088.18  | 3759937.20 | 0.55304 | 465138.18 |
| 3759937.20 | 0.55093    |         |           |
| 465188.18  | 3759937.20 | 0.54721 | 465238.18 |
| 3759937.20 | 0.53500    |         |           |
| 465288.18  | 3759937.20 | 0.52053 | 465338.18 |
| 3759937.20 | 0.50468    |         |           |
| 465388.18  | 3759937.20 | 0.48603 | 464959.25 |
| 3759453.01 | 0.22901    |         |           |
| 465009.25  | 3759453.01 | 0.25738 | 465059.25 |
| 3759453.01 | 0.28915    |         |           |
| 465109.25  | 3759453.01 | 0.32109 | 465159.25 |
| 3759453.01 | 0.35303    |         |           |
| 465209.25  | 3759453.01 | 0.37947 | 465259.25 |
| 3759453.01 | 0.40300    |         |           |
| 465309.25  | 3759453.01 | 0.42156 | 465359.25 |
| 3759453.01 | 0.43530    |         |           |
| 465409.25  | 3759453.01 | 0.44215 | 465459.25 |
| 3759453.01 | 0.44567    |         |           |
| 465509.25  | 3759453.01 | 0.44348 | 464959.25 |
| 3759503.01 | 0.35140    |         |           |
| 465009.25  | 3759503.01 | 0.40058 | 465059.25 |
| 3759503.01 | 0.44783    |         |           |
| 465109.25  | 3759503.01 | 0.48950 | 465159.25 |
| 3759503.01 | 0.52320    |         |           |
| 465209.25  | 3759503.01 | 0.55163 | 465259.25 |
| 3759503.01 | 0.56971    |         |           |
| 465309.25  | 3759503.01 | 0.57842 | 465359.25 |
| 3759503.01 | 0.57986    |         |           |
| 465409.25  | 3759503.01 | 0.57614 | 465459.25 |
| 3759503.01 | 0.56988    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| Y-COORD (M) | CONC        |         |             |
| 465509.25   | 3759503.01  | 0.55926 | 464959.25   |
| 3759553.01  | 0.59042     |         |             |
| 465009.25   | 3759553.01  | 0.66129 | 465059.25   |
| 3759553.01  | 0.71947     |         |             |
| 465109.25   | 3759553.01  | 0.75970 | 465159.25   |
| 3759553.01  | 0.78309     |         |             |
| 465209.25   | 3759553.01  | 0.79524 | 465259.25   |
| 3759553.01  | 0.79491     |         |             |
| 465309.25   | 3759553.01  | 0.78123 | 465359.25   |
| 3759553.01  | 0.75901     |         |             |
| 465409.25   | 3759553.01  | 0.74788 | 465459.25   |
| 3759553.01  | 0.71959     |         |             |
| 465509.25   | 3759553.01  | 0.69061 | 464959.25   |
| 3759603.01  | 1.04289     |         |             |
| 465009.25   | 3759603.01  | 1.10908 | 465059.25   |
| 3759603.01  | 1.14489     |         |             |
| 465109.25   | 3759603.01  | 1.15047 | 465159.25   |
| 3759603.01  | 1.13185     |         |             |
| 465209.25   | 3759603.01  | 1.10416 | 465259.25   |
| 3759603.01  | 1.05979     |         |             |
| 465309.25   | 3759603.01  | 1.01565 | 465359.25   |
| 3759603.01  | 0.95997     |         |             |
| 465409.25   | 3759603.01  | 0.91599 | 465459.25   |
| 3759603.01  | 0.86636     |         |             |
| 465509.25   | 3759603.01  | 0.81174 | 464959.25   |
| 3759653.01  | 1.79280     |         |             |
| 465009.25   | 3759653.01  | 1.75509 | 465059.25   |
| 3759653.01  | 1.70908     |         |             |
| 465109.25   | 3759653.01  | 1.62176 | 465159.25   |
| 3759653.01  | 1.52705     |         |             |
| 465209.25   | 3759653.01  | 1.44459 | 465259.25   |
| 3759653.01  | 1.34356     |         |             |
| 465309.25   | 3759653.01  | 1.24183 | 465359.25   |
| 3759653.01  | 1.15127     |         |             |
| 465409.25   | 3759653.01  | 1.05514 | 465459.25   |
| 3759653.01  | 0.97157     |         |             |
| 465509.25   | 3759653.01  | 0.89624 | 464959.25   |
| 3759703.01  | 2.67040     |         |             |
| 465009.25   | 3759703.01  | 2.44376 | 465059.25   |
| 3759703.01  | 2.23247     |         |             |
| 465109.25   | 3759703.01  | 2.03875 | 465159.25   |
| 3759703.01  | 1.85403     |         |             |
| 465209.25   | 3759703.01  | 1.67873 | 465259.25   |
| 3759703.01  | 1.52219     |         |             |
| 465309.25   | 3759703.01  | 1.37871 | 465359.25   |
| 3759703.01  | 1.25033     |         |             |
| 465409.25   | 3759703.01  | 1.13928 | 465459.25   |

|            |            |         |           |
|------------|------------|---------|-----------|
| 3759703.01 | 1.03204    |         |           |
| 465509.25  | 3759703.01 | 0.94549 | 465160.97 |
| 3759198.29 | 0.09815    |         |           |
| 465210.97  | 3759198.29 | 0.10411 | 465260.97 |
| 3759198.29 | 0.11056    |         |           |
| 465310.97  | 3759198.29 | 0.11710 | 465360.97 |
| 3759198.29 | 0.12412    |         |           |
| 465160.97  | 3759248.29 | 0.11439 | 465210.97 |
| 3759248.29 | 0.12235    |         |           |
| 465260.97  | 3759248.29 | 0.13110 | 465310.97 |
| 3759248.29 | 0.14006    |         |           |
| 465360.97  | 3759248.29 | 0.14947 | 465160.97 |
| 3759298.29 | 0.13858    |         |           |
| 465210.97  | 3759298.29 | 0.14919 | 465260.97 |
| 3759298.29 | 0.16163    |         |           |
| 465310.97  | 3759298.29 | 0.17374 | 465360.97 |
| 3759298.29 | 0.18557    |         |           |
| 465160.97  | 3759348.29 | 0.17623 | 465210.97 |
| 3759348.29 | 0.19186    |         |           |
| 465260.97  | 3759348.29 | 0.20898 | 465310.97 |
| 3759348.29 | 0.22444    |         |           |
| 465360.97  | 3759348.29 | 0.23887 | 465160.97 |
| 3759398.29 | 0.23760    |         |           |
| 465210.97  | 3759398.29 | 0.25973 | 465260.97 |
| 3759398.29 | 0.28050    |         |           |
| 465310.97  | 3759398.29 | 0.29972 | 465360.97 |
| 3759398.29 | 0.31566    |         |           |
| 464719.89  | 3759036.22 | 0.10205 | 464769.89 |
| 3759036.22 | 0.08848    |         |           |
| 464819.89  | 3759036.22 | 0.08024 | 464869.89 |
| 3759036.22 | 0.07499    |         |           |
| 464919.89  | 3759036.22 | 0.07173 | 464969.89 |
| 3759036.22 | 0.06822    |         |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|---------|-------------|
| 464719.89   | 3759086.22  | 0.10924 | 464769.89   |
| 464819.89   | 3759086.22  | 0.08305 | 464869.89   |
| 464919.89   | 3759086.22  | 0.07340 | 464969.89   |
| 464719.89   | 3759136.22  | 0.11941 | 464769.89   |
| 464819.89   | 3759136.22  | 0.09064 | 464869.89   |
| 464919.89   | 3759136.22  | 0.07916 | 464969.89   |
| 464719.89   | 3759186.22  | 0.12950 | 464769.89   |
| 464819.89   | 3759186.22  | 0.09716 | 464869.89   |
| 464919.89   | 3759186.22  | 0.08516 | 464969.89   |
| 464719.89   | 3759236.22  | 0.13933 | 464769.89   |
| 464819.89   | 3759236.22  | 0.10502 | 464869.89   |
| 464919.89   | 3759236.22  | 0.09055 |             |

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*** AERMOD - VERSION 21112 ***
Structure Operations
*** Riverside Community Hospital Parking
*** 11/26/24

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): GEN

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\* \* \*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\* \*

| X-COORD (M) | Y-COORD (M) | CONC     | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|----------|------------|-------------|
| 463865.09   | 3759834.01  | 31.78962 | (14040622) | 463915.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759834.01 | 35.10184   | (14112720) |            |           |
| 463965.09  | 3759834.01 | 38.01514   | (16110524) | 464015.09 |
| 3759834.01 | 40.53887   | (13082905) |            |           |
| 464065.09  | 3759834.01 | 44.21310   | (13082905) | 464115.09 |
| 3759834.01 | 46.65424   | (13082905) |            |           |
| 464165.09  | 3759834.01 | 48.67200   | (15100823) | 464215.09 |
| 3759834.01 | 50.56549   | (13122618) |            |           |
| 464265.09  | 3759834.01 | 53.22969   | (14080222) | 464315.09 |
| 3759834.01 | 55.65693   | (15101023) |            |           |
| 464365.09  | 3759834.01 | 59.16651   | (14050301) | 464415.09 |
| 3759834.01 | 67.35816   | (14042903) |            |           |
| 464465.09  | 3759834.01 | 75.52034   | (12110423) | 464515.09 |
| 3759834.01 | 91.22889   | (13092606) |            |           |
| 463865.09  | 3759884.01 | 31.20286   | (12091605) | 463915.09 |
| 3759884.01 | 34.49607   | (15100823) |            |           |
| 463965.09  | 3759884.01 | 37.36082   | (13122618) | 464015.09 |
| 3759884.01 | 40.66679   | (14100706) |            |           |
| 464065.09  | 3759884.01 | 43.35656   | (14101706) | 464115.09 |
| 3759884.01 | 46.42924   | (16111221) |            |           |
| 464165.09  | 3759884.01 | 47.74708   | (15030624) | 464215.09 |
| 3759884.01 | 49.77357   | (14050301) |            |           |
| 464265.09  | 3759884.01 | 51.89584   | (15103103) | 464315.09 |
| 3759884.01 | 53.04973   | (14051523) |            |           |
| 464365.09  | 3759884.01 | 52.40644   | (16111220) | 464415.09 |
| 3759884.01 | 58.38367   | (15100921) |            |           |
| 464465.09  | 3759884.01 | 60.44977   | (15063020) | 464515.09 |
| 3759884.01 | 59.69676   | (13012523) |            |           |
| 464565.09  | 3759884.01 | 44.44330   | (13030808) | 463865.09 |
| 3759934.01 | 30.02165   | (14101706) |            |           |
| 463915.09  | 3759934.01 | 33.47240   | (16111221) | 463965.09 |
| 3759934.01 | 36.04598   | (14122102) |            |           |
| 464115.09  | 3759934.01 | 44.61160   | (15102921) | 464165.09 |
| 3759934.01 | 46.76298   | (14042903) |            |           |
| 464215.09  | 3759934.01 | 48.60799   | (12110423) | 464265.09 |
| 3759934.01 | 46.88653   | (12110423) |            |           |
| 464315.09  | 3759934.01 | 49.02615   | (15100921) | 464365.09 |
| 3759934.01 | 49.63449   | (16072124) |            |           |
| 464415.09  | 3759934.01 | 47.58351   | (15020121) | 464465.09 |
| 3759934.01 | 46.46947   | (13012523) |            |           |
| 464515.09  | 3759934.01 | 37.37860   | (14040103) | 464565.09 |
| 3759934.01 | 33.51417   | (12041308) |            |           |
| 464665.09  | 3759934.01 | 30.64323   | (15101020) | 463865.09 |
| 3759984.01 | 29.16319   | (14051703) |            |           |
| 464115.09  | 3759984.01 | 42.87728   | (12110423) | 464165.09 |
| 3759984.01 | 42.26983   | (12110423) |            |           |
| 464215.09  | 3759984.01 | 44.09702   | (14031223) | 464265.09 |
| 3759984.01 | 45.29208   | (15100921) |            |           |
| 464315.09  | 3759984.01 | 44.16807   | (16072124) | 464365.09 |
| 3759984.01 | 43.78096   | (14091401) |            |           |
| 464415.09  | 3759984.01 | 39.53007   | (13012523) | 464465.09 |
| 3759984.01 | 33.88409   | (14040103) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464515.09  | 3759984.01 | 25.14096   | (15100922) | 464565.09 |
| 3759984.01 | 27.40330   | (15072003) |            |           |
| 464615.09  | 3759984.01 | 28.05217   | (15101219) | 464665.09 |
| 3759984.01 | 25.84613   | (13050519) |            |           |
| 464765.09  | 3759984.01 | 19.85922   | (16013112) | 464865.09 |
| 3759984.01 | 17.73421   | (16010616) |            |           |
| 464915.09  | 3759984.01 | 15.37829   | (12041317) | 464165.09 |
| 3760034.01 | 41.94096   | (15100921) |            |           |
| 464215.09  | 3760034.01 | 43.63169   | (16072124) | 464265.09 |
| 3760034.01 | 40.83235   | (14100423) |            |           |
| 464315.09  | 3760034.01 | 41.70350   | (14091401) | 464365.09 |
| 3760034.01 | 38.03835   | (13012523) |            |           |
| 464415.09  | 3760034.01 | 32.84342   | (14040103) | 464465.09 |
| 3760034.01 | 24.27322   | (14121205) |            |           |
| 464515.09  | 3760034.01 | 22.94292   | (15100919) | 464565.09 |
| 3760034.01 | 23.28629   | (15072003) |            |           |
| 464615.09  | 3760034.01 | 23.74258   | (15101219) | 464665.09 |
| 3760034.01 | 22.10905   | (14080221) |            |           |
| 464715.09  | 3760034.01 | 19.13627   | (16013113) | 464815.09 |
| 3760034.01 | 16.91779   | (16013112) |            |           |
| 464865.09  | 3760034.01 | 18.37556   | (16010616) | 464915.09 |
| 3760034.01 | 14.98421   | (12031717) |            |           |
| 465065.09  | 3760034.01 | 13.01161   | (16032219) | 464165.09 |
| 3760084.01 | 38.82694   | (16072124) |            |           |
| 464215.09  | 3760084.01 | 38.25376   | (14100423) | 464265.09 |
| 3760084.01 | 39.83435   | (14091401) |            |           |
| 464315.09  | 3760084.01 | 36.66847   | (13012523) | 464365.09 |
| 3760084.01 | 31.20164   | (14040103) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure Operations \*\*\* 11/26/24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464415.09   | 3760084.01  | 25.53554   | (13092602) | 464465.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3760084.01 | 21.51209   | (15100922) |            |           |
| 464515.09  | 3760084.01 | 21.40362   | (15100919) | 464565.09 |
| 3760084.01 | 21.75764   | (14091621) |            |           |
| 464615.09  | 3760084.01 | 22.49552   | (15101219) | 464665.09 |
| 3760084.01 | 21.71349   | (14080221) |            |           |
| 464715.09  | 3760084.01 | 19.17064   | (15101020) | 464865.09 |
| 3760084.01 | 14.09004   | (16010616) |            |           |
| 464915.09  | 3760084.01 | 16.14923   | (16010616) | 464965.09 |
| 3760084.01 | 12.67958   | (16010616) |            |           |
| 465015.09  | 3760084.01 | 12.04778   | (13021920) | 464115.09 |
| 3760134.01 | 33.33513   | (13031221) |            |           |
| 464165.09  | 3760134.01 | 35.22003   | (15063020) | 464215.09 |
| 3760134.01 | 36.96316   | (14091401) |            |           |
| 464265.09  | 3760134.01 | 35.03166   | (13012523) | 464315.09 |
| 3760134.01 | 28.75942   | (14040103) |            |           |
| 464365.09  | 3760134.01 | 27.30522   | (13092602) | 464415.09 |
| 3760134.01 | 17.80204   | (14121205) |            |           |
| 464465.09  | 3760134.01 | 21.26151   | (15060904) | 464515.09 |
| 3760134.01 | 20.64221   | (15110302) |            |           |
| 464565.09  | 3760134.01 | 21.26940   | (14091621) | 464615.09 |
| 3760134.01 | 21.69272   | (15101219) |            |           |
| 464665.09  | 3760134.01 | 21.34250   | (14080221) | 464715.09 |
| 3760134.01 | 19.29487   | (15101020) |            |           |
| 464765.09  | 3760134.01 | 16.03799   | (12012418) | 464815.09 |
| 3760134.01 | 15.22338   | (16111018) |            |           |
| 464865.09  | 3760134.01 | 13.05622   | (16122323) | 464915.09 |
| 3760134.01 | 12.92212   | (16010616) |            |           |
| 464965.09  | 3760134.01 | 13.52909   | (16010616) | 465015.09 |
| 3760134.01 | 11.38870   | (12030619) |            |           |
| 465065.09  | 3760134.01 | 10.91191   | (12030619) | 463865.09 |
| 3760184.01 | 22.28691   | (15060921) |            |           |
| 464015.09  | 3760184.01 | 29.04513   | (16072124) | 464065.09 |
| 3760184.01 | 29.76014   | (15103104) |            |           |
| 464115.09  | 3760184.01 | 32.10646   | (15063020) | 464165.09 |
| 3760184.01 | 33.40256   | (14091401) |            |           |
| 464215.09  | 3760184.01 | 32.59329   | (13012523) | 464265.09 |
| 3760184.01 | 27.82632   | (13083019) |            |           |
| 464315.09  | 3760184.01 | 27.50194   | (13092602) | 464365.09 |
| 3760184.01 | 19.76249   | (12011524) |            |           |
| 464415.09  | 3760184.01 | 19.87682   | (15100922) | 464465.09 |
| 3760184.01 | 20.88386   | (15100919) |            |           |
| 464515.09  | 3760184.01 | 21.19027   | (15072003) | 464565.09 |
| 3760184.01 | 20.28724   | (14091621) |            |           |
| 464615.09  | 3760184.01 | 20.94886   | (15101219) | 464665.09 |
| 3760184.01 | 20.78437   | (14080221) |            |           |
| 464715.09  | 3760184.01 | 18.44842   | (15101020) | 464865.09 |
| 3760184.01 | 12.87707   | (15112616) |            |           |
| 464915.09  | 3760184.01 | 11.58637   | (12022205) | 464965.09 |
| 3760184.01 | 11.13844   | (16010616) |            |           |
| 465015.09  | 3760184.01 | 11.06603   | (16121620) | 465065.09 |
| 3760184.01 | 10.31909   | (12030619) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 463865.09  | 3760234.01 | 21.16181   | (15102722) | 463915.09 |
| 3760234.01 | 22.93497   | (16072124) |            |           |
| 463965.09  | 3760234.01 | 24.51839   | (13031221) | 464015.09 |
| 3760234.01 | 26.56538   | (14100423) |            |           |
| 464065.09  | 3760234.01 | 28.62376   | (15063020) | 464115.09 |
| 3760234.01 | 29.84889   | (14091401) |            |           |
| 464165.09  | 3760234.01 | 29.72428   | (13012523) | 464215.09 |
| 3760234.01 | 26.00298   | (13083019) |            |           |
| 464265.09  | 3760234.01 | 26.04520   | (14040103) | 464315.09 |
| 3760234.01 | 22.66705   | (12011524) |            |           |
| 464365.09  | 3760234.01 | 16.16210   | (15090920) | 464415.09 |
| 3760234.01 | 20.14687   | (15060904) |            |           |
| 464465.09  | 3760234.01 | 19.24433   | (15100919) | 464515.09 |
| 3760234.01 | 20.74864   | (15072003) |            |           |
| 464565.09  | 3760234.01 | 19.76944   | (15071921) | 464615.09 |
| 3760234.01 | 20.19415   | (15101219) |            |           |
| 464665.09  | 3760234.01 | 20.04138   | (14080221) | 464715.09 |
| 3760234.01 | 17.47607   | (15062022) |            |           |
| 464765.09  | 3760234.01 | 16.25525   | (13011520) | 464865.09 |
| 3760234.01 | 13.37955   | (15112616) |            |           |
| 464915.09  | 3760234.01 | 10.89033   | (16122323) | 464965.09 |
| 3760234.01 | 10.11181   | (12022205) |            |           |
| 465015.09  | 3760234.01 | 9.68591    | (15112617) | 465065.09 |
| 3760234.01 | 10.04660   | (16121620) |            |           |
| 463865.09  | 3760284.01 | 20.33256   | (14082802) | 463915.09 |
| 3760284.01 | 21.77300   | (15101224) |            |           |
| 463965.09  | 3760284.01 | 23.30293   | (14100423) | 464015.09 |
| 3760284.01 | 25.10370   | (15063020) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464065.09   | 3760284.01  | 26.30169   | (14091401) | 464115.09   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3760284.01 | 26.67099   | (13012523) |            |           |
| 464165.09  | 3760284.01 | 23.71051   | (13083019) | 464215.09 |
| 3760284.01 | 24.31683   | (16092019) |            |           |
| 464265.09  | 3760284.01 | 23.37425   | (12011524) | 464315.09 |
| 3760284.01 | 15.66193   | (12011524) |            |           |
| 464365.09  | 3760284.01 | 18.15860   | (15100922) | 464415.09 |
| 3760284.01 | 18.95318   | (15100919) |            |           |
| 464465.09  | 3760284.01 | 18.97045   | (15110302) | 464515.09 |
| 3760284.01 | 19.25518   | (15072003) |            |           |
| 464565.09  | 3760284.01 | 19.31724   | (15071921) | 464615.09 |
| 3760284.01 | 19.30020   | (15101219) |            |           |
| 464665.09  | 3760284.01 | 19.04070   | (14080221) | 464715.09 |
| 3760284.01 | 16.43623   | (15062022) |            |           |
| 464915.09  | 3760284.01 | 11.13257   | (15112616) | 464965.09 |
| 3760284.01 | 9.46800    | (12022205) |            |           |
| 465015.09  | 3760284.01 | 8.41143    | (12022205) | 465065.09 |
| 3760284.01 | 8.76118    | (15112617) |            |           |
| 463865.09  | 3760334.01 | 19.57213   | (15042823) | 463915.09 |
| 3760334.01 | 20.46921   | (12101521) |            |           |
| 463965.09  | 3760334.01 | 21.83300   | (15063020) | 464015.09 |
| 3760334.01 | 23.00191   | (14091401) |            |           |
| 464065.09  | 3760334.01 | 23.64692   | (13012523) | 464115.09 |
| 3760334.01 | 21.19465   | (13083019) |            |           |
| 464165.09  | 3760334.01 | 22.61500   | (16092019) | 464215.09 |
| 3760334.01 | 22.50131   | (12011524) |            |           |
| 464265.09  | 3760334.01 | 18.08711   | (12011524) | 464315.09 |
| 3760334.01 | 15.38862   | (15090920) |            |           |
| 464365.09  | 3760334.01 | 18.24220   | (15060904) | 464415.09 |
| 3760334.01 | 18.38017   | (15100919) |            |           |
| 464465.09  | 3760334.01 | 18.15373   | (14040922) | 464515.09 |
| 3760334.01 | 18.26704   | (12022702) |            |           |
| 464565.09  | 3760334.01 | 18.46876   | (15071921) | 464615.09 |
| 3760334.01 | 18.22828   | (15101219) |            |           |
| 464665.09  | 3760334.01 | 17.79054   | (14080221) | 464715.09 |
| 3760334.01 | 15.01734   | (14040206) |            |           |
| 464765.09  | 3760334.01 | 15.73544   | (13012218) | 464815.09 |
| 3760334.01 | 12.52100   | (16092620) |            |           |
| 464865.09  | 3760334.01 | 12.21167   | (15090206) | 464915.09 |
| 3760334.01 | 11.04431   | (16111018) |            |           |
| 465397.36  | 3759591.35 | 8.38386    | (14041119) | 464972.42 |
| 3759234.75 | 13.78301   | (15041518) |            |           |
| 465022.42  | 3759234.75 | 10.81305   | (15041518) | 464872.42 |
| 3759284.75 | 14.49041   | (14122706) |            |           |
| 464922.42  | 3759284.75 | 15.81934   | (15041518) | 464972.42 |
| 3759284.75 | 13.20216   | (15041518) |            |           |
| 465022.42  | 3759284.75 | 12.64962   | (14120316) | 465072.42 |
| 3759284.75 | 12.04483   | (12101417) |            |           |
| 464872.42  | 3759334.75 | 16.92129   | (15041518) | 464922.42 |
| 3759334.75 | 15.74033   | (15041518) |            |           |
| 464972.42  | 3759334.75 | 13.72577   | (12101417) | 465022.42 |
| 3759334.75 | 13.61901   | (12101417) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465072.42  | 3759334.75 | 11.24834   | (12101417) | 465122.42 |
| 3759334.75 | 7.89851    | (12101417) |            |           |
| 464922.42  | 3759384.75 | 14.25661   | (12101417) | 464972.42 |
| 3759384.75 | 14.95291   | (12101417) |            |           |
| 465022.42  | 3759384.75 | 12.28170   | (12101417) | 465072.42 |
| 3759384.75 | 8.98364    | (15111716) |            |           |
| 465122.42  | 3759384.75 | 9.58090    | (16010316) | 464922.42 |
| 3759434.75 | 15.50180   | (12101417) |            |           |
| 464972.42  | 3759434.75 | 12.78048   | (12101417) | 465122.42 |
| 3759434.75 | 10.87609   | (16010316) |            |           |
| 465172.42  | 3759434.75 | 10.09570   | (16041618) | 463750.66 |
| 3758798.89 | 4.79074    | (14031204) |            |           |
| 463800.66  | 3758798.89 | 4.94172    | (14122517) | 463850.66 |
| 3758798.89 | 5.18825    | (12012806) |            |           |
| 463900.66  | 3758798.89 | 5.66440    | (13022402) | 463950.66 |
| 3758798.89 | 6.05207    | (13022402) |            |           |
| 464000.66  | 3758798.89 | 6.38272    | (16021506) | 464050.66 |
| 3758798.89 | 6.65615    | (12102520) |            |           |
| 464100.66  | 3758798.89 | 6.95754    | (16110218) | 464150.66 |
| 3758798.89 | 8.29042    | (15081221) |            |           |
| 464200.66  | 3758798.89 | 8.89148    | (15092021) | 464250.66 |
| 3758798.89 | 9.27846    | (13101721) |            |           |
| 464300.66  | 3758798.89 | 9.93892    | (13092322) | 464350.66 |
| 3758798.89 | 10.22942   | (14011004) |            |           |
| 464400.66  | 3758798.89 | 10.60472   | (15100420) | 464450.66 |
| 3758798.89 | 11.13672   | (13031420) |            |           |
| 464500.66  | 3758798.89 | 10.94311   | (14020624) | 464550.66 |
| 3758798.89 | 10.38298   | (12112317) |            |           |

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 Structure Operations \*\*\* 11/26/24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464600.66   | 3758798.89  | 10.41722   | (13092520) | 464650.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3758798.89 | 10.32607   | (16091920) |            |           |
| 464700.66  | 3758798.89 | 10.12828   | (16102120) | 464750.66 |
| 3758798.89 | 8.15812    | (12010817) |            |           |
| 463750.66  | 3758838.89 | 4.94996    | (14031204) | 463800.66 |
| 3758838.89 | 5.14463    | (14031204) |            |           |
| 463850.66  | 3758838.89 | 5.36463    | (14122517) | 463900.66 |
| 3758838.89 | 5.71153    | (13022402) |            |           |
| 463950.66  | 3758838.89 | 6.33080    | (13022402) | 464000.66 |
| 3758838.89 | 6.71674    | (16021506) |            |           |
| 464050.66  | 3758838.89 | 7.02198    | (15110619) | 464100.66 |
| 3758838.89 | 7.33616    | (14110406) |            |           |
| 464150.66  | 3758838.89 | 8.86216    | (15081221) | 464200.66 |
| 3758838.89 | 9.74374    | (15092021) |            |           |
| 464250.66  | 3758838.89 | 10.48890   | (15092022) | 464300.66 |
| 3758838.89 | 11.08116   | (13092322) |            |           |
| 464350.66  | 3758838.89 | 11.07145   | (14042821) | 464400.66 |
| 3758838.89 | 11.85811   | (12091505) |            |           |
| 464450.66  | 3758838.89 | 12.26995   | (13031420) | 464500.66 |
| 3758838.89 | 12.20520   | (13013119) |            |           |
| 464550.66  | 3758838.89 | 11.47311   | (12021619) | 464600.66 |
| 3758838.89 | 11.34669   | (13092520) |            |           |
| 464650.66  | 3758838.89 | 11.21595   | (16091920) | 464700.66 |
| 3758838.89 | 10.93389   | (16102120) |            |           |
| 464750.66  | 3758838.89 | 8.54408    | (12010817) | 463750.66 |
| 3758878.89 | 5.13029    | (12102606) |            |           |
| 463800.66  | 3758878.89 | 5.36784    | (14031204) | 463850.66 |
| 3758878.89 | 5.55194    | (12012805) |            |           |
| 463900.66  | 3758878.89 | 5.85978    | (12012806) | 463950.66 |
| 3758878.89 | 6.48645    | (13022402) |            |           |
| 464000.66  | 3758878.89 | 7.04061    | (13022402) | 464050.66 |
| 3758878.89 | 7.46581    | (16021506) |            |           |
| 464100.66  | 3758878.89 | 7.92379    | (15092603) | 464150.66 |
| 3758878.89 | 9.01592    | (15081221) |            |           |
| 464200.66  | 3758878.89 | 11.08436   | (15081221) | 464250.66 |
| 3758878.89 | 11.82685   | (15092022) |            |           |
| 464300.66  | 3758878.89 | 12.05243   | (15050804) | 464350.66 |
| 3758878.89 | 12.70475   | (14042821) |            |           |
| 464400.66  | 3758878.89 | 13.17061   | (12091505) | 464450.66 |
| 3758878.89 | 13.33914   | (13031420) |            |           |
| 464500.66  | 3758878.89 | 13.52492   | (13013119) | 464550.66 |
| 3758878.89 | 12.81355   | (12021619) |            |           |
| 464600.66  | 3758878.89 | 12.31166   | (13092520) | 464650.66 |
| 3758878.89 | 12.13028   | (16091920) |            |           |
| 464700.66  | 3758878.89 | 11.72999   | (16102120) | 464750.66 |
| 3758878.89 | 8.97949    | (12010817) |            |           |
| 463750.66  | 3758918.89 | 5.26651    | (12102606) | 463800.66 |
| 3758918.89 | 5.54840    | (12102606) |            |           |
| 463850.66  | 3758918.89 | 5.83879    | (14031204) | 463900.66 |
| 3758918.89 | 6.08254    | (14122517) |            |           |
| 463950.66  | 3758918.89 | 6.47049    | (13022402) | 464000.66 |
| 3758918.89 | 7.36553    | (15012124) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464050.66  | 3758918.89 | 8.23474    | (16091919) | 464100.66 |
| 3758918.89 | 8.87786    | (15092603) |            |           |
| 464150.66  | 3758918.89 | 9.63928    | (12012622) | 464200.66 |
| 3758918.89 | 12.07210   | (15081221) |            |           |
| 464250.66  | 3758918.89 | 12.96004   | (15092021) | 464300.66 |
| 3758918.89 | 13.38424   | (13101721) |            |           |
| 464350.66  | 3758918.89 | 14.22011   | (14042821) | 464400.66 |
| 3758918.89 | 14.32053   | (12091505) |            |           |
| 464450.66  | 3758918.89 | 14.44161   | (16043003) | 464500.66 |
| 3758918.89 | 14.84244   | (13013119) |            |           |
| 464550.66  | 3758918.89 | 14.23417   | (12021619) | 464600.66 |
| 3758918.89 | 13.29865   | (13092520) |            |           |
| 464650.66  | 3758918.89 | 13.05326   | (16021018) | 464700.66 |
| 3758918.89 | 12.53175   | (15112917) |            |           |
| 464750.66  | 3758918.89 | 9.37948    | (12010817) | 463750.66 |
| 3758958.89 | 5.29198    | (12102606) |            |           |
| 463800.66  | 3758958.89 | 5.74949    | (12102606) | 463850.66 |
| 3758958.89 | 6.05371    | (14031204) |            |           |
| 463900.66  | 3758958.89 | 6.36953    | (14031204) | 463950.66 |
| 3758958.89 | 6.70870    | (14122517) |            |           |
| 464000.66  | 3758958.89 | 7.74122    | (13083005) | 464050.66 |
| 3758958.89 | 9.15043    | (15090823) |            |           |
| 464100.66  | 3758958.89 | 10.01239   | (16100620) | 464150.66 |
| 3758958.89 | 10.84514   | (13042021) |            |           |
| 464200.66  | 3758958.89 | 12.43961   | (15081221) | 464250.66 |
| 3758958.89 | 14.16321   | (15081221) |            |           |
| 464300.66  | 3758958.89 | 14.99410   | (13101721) | 464350.66 |
| 3758958.89 | 15.78922   | (13092322) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
Structure Operations \*\*\* 11/26/24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464400.66   | 3758958.89  | 15.34029   | (14011004) | 464450.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3758958.89 | 15.83388   | (15100420) |            |           |
| 464500.66  | 3758958.89 | 16.10646   | (13013119) | 464550.66 |
| 3758958.89 | 15.71605   | (12021619) |            |           |
| 464600.66  | 3758958.89 | 14.29708   | (13092520) | 464650.66 |
| 3758958.89 | 14.12041   | (16021018) |            |           |
| 464700.66  | 3758958.89 | 13.33738   | (15112917) | 464750.66 |
| 3758958.89 | 9.92256    | (15050122) |            |           |
| 463750.66  | 3758998.89 | 5.38999    | (16122620) | 463800.66 |
| 3758998.89 | 5.81524    | (12102606) |            |           |
| 463850.66  | 3758998.89 | 6.32116    | (12102606) | 463900.66 |
| 3758998.89 | 6.69364    | (14031204) |            |           |
| 463950.66  | 3758998.89 | 6.98503    | (12012805) | 464000.66 |
| 3758998.89 | 7.50196    | (13083005) |            |           |
| 464050.66  | 3758998.89 | 10.06773   | (13083005) | 464100.66 |
| 3758998.89 | 11.25802   | (16091919) |            |           |
| 464150.66  | 3758998.89 | 12.07278   | (15092603) | 464200.66 |
| 3758998.89 | 12.98250   | (12012622) |            |           |
| 464250.66  | 3758998.89 | 15.77442   | (15081221) | 464300.66 |
| 3758998.89 | 16.70666   | (15092022) |            |           |
| 464350.66  | 3758998.89 | 17.16792   | (13092322) | 464400.66 |
| 3758998.89 | 16.86030   | (14091320) |            |           |
| 464450.66  | 3758998.89 | 17.09378   | (15100420) | 464500.66 |
| 3758998.89 | 17.26807   | (13013119) |            |           |
| 464550.66  | 3758998.89 | 17.23599   | (12021619) | 464600.66 |
| 3758998.89 | 15.29804   | (13092520) |            |           |
| 464650.66  | 3758998.89 | 15.24524   | (16021018) | 464700.66 |
| 3758998.89 | 14.07672   | (15112917) |            |           |
| 464750.66  | 3758998.89 | 10.60521   | (15050122) | 463750.66 |
| 3759038.89 | 5.62227    | (15103006) |            |           |
| 463800.66  | 3759038.89 | 5.84048    | (16122620) | 463850.66 |
| 3759038.89 | 6.44564    | (12102606) |            |           |
| 463900.66  | 3759038.89 | 6.99154    | (12102606) | 463950.66 |
| 3759038.89 | 7.42670    | (14031204) |            |           |
| 464000.66  | 3759038.89 | 7.80351    | (14122517) | 464050.66 |
| 3759038.89 | 10.22429   | (13083005) |            |           |
| 464100.66  | 3759038.89 | 12.37412   | (13083005) | 464150.66 |
| 3759038.89 | 13.39578   | (16012718) |            |           |
| 464200.66  | 3759038.89 | 14.50993   | (13042021) | 464250.66 |
| 3759038.89 | 16.55727   | (15081221) |            |           |
| 464300.66  | 3759038.89 | 17.91249   | (15092021) | 464350.66 |
| 3759038.89 | 18.22648   | (13101721) |            |           |
| 464400.66  | 3759038.89 | 19.07156   | (14091320) | 464450.66 |
| 3759038.89 | 18.38524   | (12091505) |            |           |
| 464500.66  | 3759038.89 | 18.85989   | (13031420) | 464550.66 |
| 3759038.89 | 18.75736   | (12021619) |            |           |
| 464600.66  | 3759038.89 | 16.28999   | (13092520) | 464650.66 |
| 3759038.89 | 16.32789   | (16021018) |            |           |
| 464700.66  | 3759038.89 | 14.63188   | (15112917) | 463750.66 |
| 3759078.89 | 5.74263    | (15103006) |            |           |
| 463800.66  | 3759078.89 | 6.11086    | (15103006) | 463850.66 |
| 3759078.89 | 6.36996    | (16122620) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 463900.66  | 3759078.89 | 7.20511    | (12102606) | 463950.66 |
| 3759078.89 | 7.76459    | (12102606) |            |           |
| 464000.66  | 3759078.89 | 8.31446    | (15101402) | 464050.66 |
| 3759078.89 | 9.59747    | (13082902) |            |           |
| 464100.66  | 3759078.89 | 13.31763   | (13083005) | 464150.66 |
| 3759078.89 | 14.92831   | (16091919) |            |           |
| 464200.66  | 3759078.89 | 15.88322   | (15092603) | 464250.66 |
| 3759078.89 | 16.94386   | (16032806) |            |           |
| 464300.66  | 3759078.89 | 19.53654   | (15081221) | 464350.66 |
| 3759078.89 | 20.28876   | (13101721) |            |           |
| 464400.66  | 3759078.89 | 20.96864   | (14091320) | 464450.66 |
| 3759078.89 | 19.98389   | (12091505) |            |           |
| 464500.66  | 3759078.89 | 20.40171   | (13031420) | 464550.66 |
| 3759078.89 | 20.24190   | (12021619) |            |           |
| 464600.66  | 3759078.89 | 17.25203   | (13092520) | 464650.66 |
| 3759078.89 | 17.35060   | (16021018) |            |           |
| 463750.66  | 3759118.89 | 6.15783    | (16121917) | 463800.66 |
| 3759118.89 | 6.27126    | (16122621) |            |           |
| 463850.66  | 3759118.89 | 6.68881    | (15103006) | 463900.66 |
| 3759118.89 | 7.11103    | (12102606) |            |           |
| 463950.66  | 3759118.89 | 8.11218    | (12102606) | 464000.66 |
| 3759118.89 | 9.46984    | (14091604) |            |           |
| 464050.66  | 3759118.89 | 10.72201   | (13051322) | 464100.66 |
| 3759118.89 | 12.94050   | (13083005) |            |           |
| 464150.66  | 3759118.89 | 16.29927   | (13083005) | 464200.66 |
| 3759118.89 | 17.41033   | (16012718) |            |           |
| 464250.66  | 3759118.89 | 18.66566   | (13042021) | 464300.66 |
| 3759118.89 | 20.99467   | (15081221) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464350.66   | 3759118.89  | 22.18146   | (15092022) | 464400.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759118.89 | 22.77046   | (13092322) |            |           |
| 464450.66  | 3759118.89 | 21.12683   | (12091505) | 464500.66 |
| 3759118.89 | 21.72701   | (13031420) |            |           |
| 464550.66  | 3759118.89 | 21.68150   | (12021619) | 464600.66 |
| 3759118.89 | 18.08686   | (13092520) |            |           |
| 463750.66  | 3759158.89 | 6.59365    | (16121917) | 463800.66 |
| 3759158.89 | 6.87150    | (16121917) |            |           |
| 463850.66  | 3759158.89 | 6.89734    | (16122621) | 463900.66 |
| 3759158.89 | 7.37769    | (15103006) |            |           |
| 463950.66  | 3759158.89 | 8.09230    | (15100122) | 464000.66 |
| 3759158.89 | 10.40797   | (15100122) |            |           |
| 464050.66  | 3759158.89 | 11.90858   | (14091604) | 464100.66 |
| 3759158.89 | 13.57727   | (13051322) |            |           |
| 464150.66  | 3759158.89 | 16.87253   | (13083005) | 464200.66 |
| 3759158.89 | 19.07208   | (16091919) |            |           |
| 464250.66  | 3759158.89 | 20.20452   | (16040719) | 464300.66 |
| 3759158.89 | 21.54272   | (14100521) |            |           |
| 464350.66  | 3759158.89 | 23.24667   | (15092021) | 464400.66 |
| 3759158.89 | 23.95668   | (13092322) |            |           |
| 464450.66  | 3759158.89 | 23.39289   | (14091320) | 464500.66 |
| 3759158.89 | 22.69003   | (13031420) |            |           |
| 463750.66  | 3759198.89 | 6.92722    | (16122622) | 463800.66 |
| 3759198.89 | 7.57526    | (13042023) |            |           |
| 463850.66  | 3759198.89 | 7.98514    | (13042023) | 463900.66 |
| 3759198.89 | 7.64156    | (16122621) |            |           |
| 463950.66  | 3759198.89 | 8.19328    | (15103006) | 464000.66 |
| 3759198.89 | 10.68766   | (15100122) |            |           |
| 464050.66  | 3759198.89 | 13.18431   | (13083004) | 464100.66 |
| 3759198.89 | 14.77888   | (15101402) |            |           |
| 464150.66  | 3759198.89 | 16.59051   | (15081303) | 464200.66 |
| 3759198.89 | 20.56822   | (13083005) |            |           |
| 464250.66  | 3759198.89 | 21.84448   | (12112907) | 464300.66 |
| 3759198.89 | 23.00842   | (13042021) |            |           |
| 464350.66  | 3759198.89 | 25.23770   | (15081221) | 464400.66 |
| 3759198.89 | 25.83341   | (13101721) |            |           |
| 464450.66  | 3759198.89 | 26.09197   | (14091320) | 464500.66 |
| 3759198.89 | 23.84304   | (15100420) |            |           |
| 463750.66  | 3759238.89 | 7.09796    | (16122622) | 463800.66 |
| 3759238.89 | 8.31012    | (15091701) |            |           |
| 463850.66  | 3759238.89 | 9.92871    | (13042023) | 463900.66 |
| 3759238.89 | 10.54602   | (15081505) |            |           |
| 463950.66  | 3759238.89 | 8.52462    | (16122621) | 464000.66 |
| 3759238.89 | 9.20912    | (15100122) |            |           |
| 464050.66  | 3759238.89 | 13.83420   | (15100122) | 464100.66 |
| 3759238.89 | 16.44161   | (13083004) |            |           |
| 464150.66  | 3759238.89 | 18.27637   | (15101402) | 464200.66 |
| 3759238.89 | 20.29642   | (13083005) |            |           |
| 464250.66  | 3759238.89 | 23.44572   | (14022706) | 464300.66 |
| 3759238.89 | 24.70918   | (16040719) |            |           |
| 464350.66  | 3759238.89 | 26.21493   | (14100521) | 464400.66 |
| 3759238.89 | 27.72049   | (15092022) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464450.66  | 3759238.89 | 28.10384   | (14091320) | 464500.66 |
| 3759238.89 | 25.08924   | (13022420) |            |           |
| 464550.66  | 3759238.89 | 25.38002   | (12021705) | 463750.66 |
| 3759278.89 | 7.49887    | (13110719) |            |           |
| 463800.66  | 3759278.89 | 9.20358    | (12081704) | 463850.66 |
| 3759278.89 | 10.90747   | (15032821) |            |           |
| 463900.66  | 3759278.89 | 12.80907   | (13042023) | 463950.66 |
| 3759278.89 | 13.76927   | (15081505) |            |           |
| 464000.66  | 3759278.89 | 12.51479   | (15081505) | 464050.66 |
| 3759278.89 | 12.00484   | (12092923) |            |           |
| 464100.66  | 3759278.89 | 17.48279   | (15100122) | 464150.66 |
| 3759278.89 | 19.97461   | (14080223) |            |           |
| 464200.66  | 3759278.89 | 22.06493   | (13051322) | 464250.66 |
| 3759278.89 | 24.83167   | (16041722) |            |           |
| 464300.66  | 3759278.89 | 26.35134   | (12112907) | 464350.66 |
| 3759278.89 | 27.47148   | (13052223) |            |           |
| 464400.66  | 3759278.89 | 28.44327   | (15081221) | 464450.66 |
| 3759278.89 | 29.86107   | (13092322) |            |           |
| 464500.66  | 3759278.89 | 26.48190   | (12091505) | 463750.66 |
| 3759318.89 | 10.29221   | (15091903) |            |           |
| 463800.66  | 3759318.89 | 10.05625   | (14091322) | 463850.66 |
| 3759318.89 | 11.83668   | (13102620) |            |           |
| 463900.66  | 3759318.89 | 14.00761   | (12081704) | 463950.66 |
| 3759318.89 | 16.24734   | (15091701) |            |           |
| 464000.66  | 3759318.89 | 17.64277   | (15081505) | 464050.66 |
| 3759318.89 | 15.93564   | (13020221) |            |           |
| 464100.66  | 3759318.89 | 15.59467   | (13112924) | 464150.66 |
| 3759318.89 | 21.43673   | (15100122) |            |           |

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
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\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| -----       |             |            |            |             |
| 464200.66   | 3759318.89  | 23.66799   | (14102423) | 464250.66   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759318.89 | 25.64234   | (15101221) |            |           |
| 464300.66  | 3759318.89 | 27.98865   | (16041722) | 464350.66 |
| 3759318.89 | 29.01674   | (13042021) |            |           |
| 464400.66  | 3759318.89 | 30.26771   | (15081221) | 464450.66 |
| 3759318.89 | 31.34610   | (13101721) |            |           |
| 463750.66  | 3759358.89 | 13.02361   | (15091903) | 463800.66 |
| 3759358.89 | 14.19425   | (15091903) |            |           |
| 463850.66  | 3759358.89 | 14.11746   | (15091903) | 463900.66 |
| 3759358.89 | 15.00141   | (13110719) |            |           |
| 463950.66  | 3759358.89 | 17.83619   | (12081704) | 464000.66 |
| 3759358.89 | 20.40702   | (15091701) |            |           |
| 464050.66  | 3759358.89 | 22.18147   | (15081505) | 464100.66 |
| 3759358.89 | 19.98474   | (14112223) |            |           |
| 464150.66  | 3759358.89 | 19.89241   | (15092001) | 464200.66 |
| 3759358.89 | 25.36083   | (13083004) |            |           |
| 464250.66  | 3759358.89 | 27.58283   | (14080301) | 464300.66 |
| 3759358.89 | 29.35472   | (14091523) |            |           |
| 464350.66  | 3759358.89 | 30.53371   | (12112907) | 464400.66 |
| 3759358.89 | 32.30782   | (14100521) |            |           |
| 463750.66  | 3759398.89 | 13.02772   | (15091205) | 463800.66 |
| 3759398.89 | 15.43811   | (15091903) |            |           |
| 463850.66  | 3759398.89 | 18.49960   | (15091903) | 463900.66 |
| 3759398.89 | 19.22570   | (15091903) |            |           |
| 463950.66  | 3759398.89 | 18.76727   | (13110719) | 464000.66 |
| 3759398.89 | 21.88310   | (12081704) |            |           |
| 464050.66  | 3759398.89 | 24.87115   | (15032821) | 464100.66 |
| 3759398.89 | 27.18414   | (13042023) |            |           |
| 464150.66  | 3759398.89 | 24.65048   | (14112223) | 464200.66 |
| 3759398.89 | 24.81263   | (15092001) |            |           |
| 464250.66  | 3759398.89 | 29.65090   | (13083004) | 464300.66 |
| 3759398.89 | 31.53683   | (15072005) |            |           |
| 464350.66  | 3759398.89 | 32.92562   | (15041623) | 464400.66 |
| 3759398.89 | 33.79043   | (13042021) |            |           |
| 463750.66  | 3759438.89 | 13.36490   | (14081605) | 463800.66 |
| 3759438.89 | 15.78075   | (14041101) |            |           |
| 463850.66  | 3759438.89 | 18.69479   | (15091205) | 463900.66 |
| 3759438.89 | 22.93085   | (15091903) |            |           |
| 463950.66  | 3759438.89 | 24.93169   | (15091903) | 464000.66 |
| 3759438.89 | 24.45945   | (15091903) |            |           |
| 464050.66  | 3759438.89 | 26.45358   | (13102620) | 464100.66 |
| 3759438.89 | 29.92349   | (15032821) |            |           |
| 464150.66  | 3759438.89 | 32.47133   | (12010306) | 464200.66 |
| 3759438.89 | 29.92365   | (16102902) |            |           |
| 464250.66  | 3759438.89 | 30.10390   | (15092001) | 464300.66 |
| 3759438.89 | 33.35317   | (14080223) |            |           |
| 464350.66  | 3759438.89 | 36.27600   | (15101221) | 463800.66 |
| 3759478.89 | 16.36901   | (12110424) |            |           |
| 463850.66  | 3759478.89 | 19.40369   | (14081605) | 463900.66 |
| 3759478.89 | 22.71475   | (14041101) |            |           |
| 463950.66  | 3759478.89 | 26.93978   | (15091205) | 464000.66 |
| 3759478.89 | 30.15732   | (15091903) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464050.66  | 3759478.89 | 31.52589   | (15091903) | 464100.66 |
| 3759478.89 | 31.37492   | (13110719) |            |           |
| 464250.66  | 3759478.89 | 35.79310   | (16102902) | 464300.66 |
| 3759478.89 | 35.55699   | (14100522) |            |           |
| 464350.66  | 3759478.89 | 38.02325   | (14102423) | 463850.66 |
| 3759518.89 | 20.06163   | (15032824) |            |           |
| 463900.66  | 3759518.89 | 23.34306   | (12101621) | 463950.66 |
| 3759518.89 | 28.12195   | (14081605) |            |           |
| 464000.66  | 3759518.89 | 31.01378   | (14041101) | 464050.66 |
| 3759518.89 | 34.47157   | (13090604) |            |           |
| 464300.66  | 3759518.89 | 42.40828   | (16102902) | 464350.66 |
| 3759518.89 | 42.47947   | (14100522) |            |           |
| 463900.66  | 3759558.89 | 26.49124   | (15032824) | 463950.66 |
| 3759558.89 | 30.31504   | (15032824) |            |           |
| 464000.66  | 3759558.89 | 32.44500   | (12101621) | 464350.66 |
| 3759558.89 | 48.87555   | (16102902) |            |           |
| 464400.66  | 3759558.89 | 47.86347   | (15100419) | 463950.66 |
| 3759598.89 | 32.66678   | (15092604) |            |           |
| 464517.36  | 3759346.67 | 27.97671   | (14091320) | 464567.36 |
| 3759346.67 | 28.13428   | (12021705) |            |           |
| 464617.36  | 3759346.67 | 22.44438   | (13092520) | 464517.36 |
| 3759396.67 | 32.61516   | (14091320) |            |           |
| 464567.36  | 3759396.67 | 28.90815   | (12021705) | 464617.36 |
| 3759396.67 | 23.08085   | (13092520) |            |           |
| 464517.36  | 3759446.67 | 35.56846   | (14091320) | 464567.36 |
| 3759446.67 | 30.50098   | (13012520) |            |           |
| 464617.36  | 3759446.67 | 25.77575   | (16111317) | 464694.84 |
| 3759819.76 | 36.53663   | (16072909) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
 Structure Operations \*\*\* 11/26/24  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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 \*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

|                                     |             |            |            |             |
|-------------------------------------|-------------|------------|------------|-------------|
| ** CONC OF PM_10 IN MICROGRAMS/M**3 |             |            |            |             |
| **                                  |             |            |            |             |
| X-COORD (M)                         | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
| Y-COORD (M)                         | CONC        | (YYMMDDHH) |            |             |
| -----                               |             |            |            |             |
| 464809.77                           | 3759568.55  | 15.58680   | (15111716) | 464859.77   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759568.55 | 13.07924   | (15092111) |            |           |
| 464609.77  | 3759618.55 | 62.18073   | (12021619) | 464659.77 |
| 3759618.55 | 33.84914   | (15112917) |            |           |
| 464709.77  | 3759618.55 | 30.36163   | (14122706) | 464759.77 |
| 3759618.55 | 18.93091   | (12101417) |            |           |
| 464809.77  | 3759618.55 | 16.59119   | (15092111) | 464859.77 |
| 3759618.55 | 15.89215   | (16041618) |            |           |
| 464609.77  | 3759668.55 | 76.10872   | (12020711) | 464659.77 |
| 3759668.55 | 56.62693   | (14051208) |            |           |
| 464709.77  | 3759668.55 | 22.19792   | (12101417) | 464759.77 |
| 3759668.55 | 22.66208   | (16041618) |            |           |
| 464809.77  | 3759668.55 | 21.06886   | (16021717) | 464859.77 |
| 3759668.55 | 18.85090   | (13031517) |            |           |
| 464609.77  | 3759718.55 | 54.97831   | (12020711) | 464659.77 |
| 3759718.55 | 24.63699   | (13120324) |            |           |
| 464709.77  | 3759718.55 | 29.19403   | (14072610) | 464759.77 |
| 3759718.55 | 28.85836   | (14042418) |            |           |
| 464444.57  | 3759555.56 | 46.87585   | (15101221) | 464494.57 |
| 3759555.56 | 45.63983   | (16052323) |            |           |
| 464544.57  | 3759555.56 | 48.80300   | (13101721) | 464444.57 |
| 3759605.56 | 59.89205   | (15041002) |            |           |
| 464494.57  | 3759605.56 | 59.95654   | (14091523) | 464544.57 |
| 3759605.56 | 59.75878   | (14100521) |            |           |
| 464444.57  | 3759655.56 | 76.34120   | (12081704) | 464494.57 |
| 3759655.56 | 83.47753   | (13042023) |            |           |
| 464544.57  | 3759655.56 | 100.20272  | (14013121) | 463980.94 |
| 3759596.79 | 34.92768   | (15092604) |            |           |
| 464030.94  | 3759596.79 | 36.90909   | (15032824) | 464080.94 |
| 3759596.79 | 38.48826   | (15032824) |            |           |
| 464130.94  | 3759596.79 | 43.49880   | (12101621) | 464180.94 |
| 3759596.79 | 46.94228   | (14081605) |            |           |
| 464230.94  | 3759596.79 | 49.36885   | (15091205) | 464280.94 |
| 3759596.79 | 52.22874   | (15091903) |            |           |
| 464330.94  | 3759596.79 | 53.77693   | (13110719) | 464380.94 |
| 3759596.79 | 57.58031   | (12010306) |            |           |
| 463980.94  | 3759646.79 | 33.21576   | (12093023) | 464030.94 |
| 3759646.79 | 36.47914   | (15042622) |            |           |
| 464080.94  | 3759646.79 | 39.83025   | (14011821) | 464130.94 |
| 3759646.79 | 42.98673   | (14091603) |            |           |
| 464180.94  | 3759646.79 | 46.57048   | (15092604) | 464230.94 |
| 3759646.79 | 49.41820   | (16061824) |            |           |
| 464280.94  | 3759646.79 | 52.58188   | (12101621) | 464330.94 |
| 3759646.79 | 55.88247   | (14081605) |            |           |
| 464380.94  | 3759646.79 | 62.18824   | (15091903) | 463980.94 |
| 3759696.79 | 35.62473   | (15102421) |            |           |
| 464030.94  | 3759696.79 | 38.53011   | (15102421) | 464080.94 |
| 3759696.79 | 41.19202   | (15102421) |            |           |
| 464130.94  | 3759696.79 | 44.29873   | (16081601) | 464180.94 |
| 3759696.79 | 47.30647   | (16081601) |            |           |
| 464230.94  | 3759696.79 | 49.85622   | (16091904) | 464280.94 |
| 3759696.79 | 53.26039   | (12093023) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 464330.94  | 3759696.79 | 56.28250   | (14011821) | 464380.94 |
| 3759696.79 | 63.94159   | (15081503) |            |           |
| 464450.80  | 3759744.24 | 81.19779   | (13102024) | 464030.94 |
| 3759746.79 | 39.06635   | (15081502) |            |           |
| 464080.94  | 3759746.79 | 42.43180   | (12110522) | 464130.94 |
| 3759746.79 | 45.76978   | (12110522) |            |           |
| 464180.94  | 3759746.79 | 48.41384   | (12110522) | 464230.94 |
| 3759746.79 | 50.92261   | (12110522) |            |           |
| 464280.94  | 3759746.79 | 53.71038   | (12110522) | 464330.94 |
| 3759746.79 | 57.26805   | (12110522) |            |           |
| 464380.94  | 3759746.79 | 65.44960   | (13042305) | 463980.94 |
| 3759796.79 | 36.98567   | (15101220) |            |           |
| 464030.94  | 3759796.79 | 40.43860   | (15101220) | 464080.94 |
| 3759796.79 | 44.28305   | (14040622) |            |           |
| 464130.94  | 3759796.79 | 47.30043   | (14040622) | 464180.94 |
| 3759796.79 | 48.82906   | (14040622) |            |           |
| 464230.94  | 3759796.79 | 51.21344   | (14112720) | 464280.94 |
| 3759796.79 | 54.36647   | (13082905) |            |           |
| 464330.94  | 3759796.79 | 57.23624   | (13082905) | 464380.94 |
| 3759796.79 | 64.90806   | (13122618) |            |           |
| 464788.18  | 3759737.20 | 27.67512   | (14041518) | 464838.18 |
| 3759737.20 | 24.50868   | (14041418) |            |           |
| 464888.18  | 3759737.20 | 21.86914   | (13040418) | 464938.18 |
| 3759737.20 | 20.04847   | (13040418) |            |           |
| 464988.18  | 3759737.20 | 18.75792   | (13040418) | 465038.18 |
| 3759737.20 | 17.34676   | (13040418) |            |           |
| 465088.18  | 3759737.20 | 16.03146   | (13020517) | 465138.18 |
| 3759737.20 | 14.85373   | (13020517) |            |           |

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 465188.18   | 3759737.20  | 13.48766   | (13020517) | 465238.18   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759737.20 | 12.07047   | (13020517) |            |           |
| 465288.18  | 3759737.20 | 10.67805   | (13020517) | 465338.18 |
| 3759737.20 | 9.64347    | (14042219) |            |           |
| 465388.18  | 3759737.20 | 9.10018    | (14042219) | 464788.18 |
| 3759787.20 | 28.28034   | (12021317) |            |           |
| 464838.18  | 3759787.20 | 24.96988   | (16043018) | 464888.18 |
| 3759787.20 | 21.87546   | (16101617) |            |           |
| 464938.18  | 3759787.20 | 19.79361   | (12041218) | 464988.18 |
| 3759787.20 | 18.32818   | (15091218) |            |           |
| 465038.18  | 3759787.20 | 17.02219   | (15091218) | 465088.18 |
| 3759787.20 | 15.48492   | (15091218) |            |           |
| 465138.18  | 3759787.20 | 13.89411   | (16013017) | 465188.18 |
| 3759787.20 | 12.36115   | (16013017) |            |           |
| 465238.18  | 3759787.20 | 11.34911   | (15012717) | 465288.18 |
| 3759787.20 | 10.52195   | (15041619) |            |           |
| 465338.18  | 3759787.20 | 9.79997    | (15041619) | 465388.18 |
| 3759787.20 | 9.12999    | (15041619) |            |           |
| 464788.18  | 3759837.20 | 28.82507   | (14022817) | 464838.18 |
| 3759837.20 | 25.50279   | (16010516) |            |           |
| 464888.18  | 3759837.20 | 21.82963   | (14020317) | 464938.18 |
| 3759837.20 | 19.55189   | (16013016) |            |           |
| 464988.18  | 3759837.20 | 19.07701   | (14032607) | 465038.18 |
| 3759837.20 | 18.35947   | (14032607) |            |           |
| 465088.18  | 3759837.20 | 16.75174   | (14032607) | 465138.18 |
| 3759837.20 | 14.71586   | (14032607) |            |           |
| 465188.18  | 3759837.20 | 12.60184   | (14032607) | 465238.18 |
| 3759837.20 | 11.35978   | (16013017) |            |           |
| 465288.18  | 3759837.20 | 10.58738   | (13092618) | 465338.18 |
| 3759837.20 | 9.88449    | (13092618) |            |           |
| 465388.18  | 3759837.20 | 9.30805    | (16092118) | 464788.18 |
| 3759887.20 | 25.34308   | (12120109) |            |           |
| 464838.18  | 3759887.20 | 23.52051   | (14022817) | 464888.18 |
| 3759887.20 | 21.13712   | (14022817) |            |           |
| 464938.18  | 3759887.20 | 20.02592   | (16010516) | 464988.18 |
| 3759887.20 | 18.02431   | (16010516) |            |           |
| 465038.18  | 3759887.20 | 15.90721   | (15050818) | 465088.18 |
| 3759887.20 | 14.10040   | (15111518) |            |           |
| 465138.18  | 3759887.20 | 13.49737   | (14032607) | 465188.18 |
| 3759887.20 | 12.69387   | (14032607) |            |           |
| 465238.18  | 3759887.20 | 11.48976   | (14032607) | 465288.18 |
| 3759887.20 | 10.51960   | (15050219) |            |           |
| 465338.18  | 3759887.20 | 9.80686    | (15050219) | 465388.18 |
| 3759887.20 | 9.15114    | (14033019) |            |           |
| 464788.18  | 3759937.20 | 22.36612   | (16010616) | 464838.18 |
| 3759937.20 | 20.22247   | (12121816) |            |           |
| 464888.18  | 3759937.20 | 18.42885   | (12122616) | 464938.18 |
| 3759937.20 | 19.14114   | (14022817) |            |           |
| 464988.18  | 3759937.20 | 16.47711   | (14022817) | 465038.18 |
| 3759937.20 | 15.54520   | (16010516) |            |           |
| 465088.18  | 3759937.20 | 14.10624   | (16010516) | 465138.18 |
| 3759937.20 | 13.08854   | (15043019) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465188.18  | 3759937.20 | 12.11364   | (15042819) | 465238.18 |
| 3759937.20 | 11.23589   | (15111518) |            |           |
| 465288.18  | 3759937.20 | 10.42764   | (15111518) | 465338.18 |
| 3759937.20 | 9.65572    | (14110105) |            |           |
| 465388.18  | 3759937.20 | 9.03574    | (13092418) | 464959.25 |
| 3759453.01 | 12.67015   | (15111716) |            |           |
| 465009.25  | 3759453.01 | 10.30880   | (16010316) | 465059.25 |
| 3759453.01 | 11.46744   | (16010316) |            |           |
| 465109.25  | 3759453.01 | 11.14001   | (16010316) | 465159.25 |
| 3759453.01 | 10.66149   | (16041618) |            |           |
| 465209.25  | 3759453.01 | 9.62804    | (16121116) | 465259.25 |
| 3759453.01 | 9.17227    | (16121116) |            |           |
| 465309.25  | 3759453.01 | 8.28793    | (16121116) | 465359.25 |
| 3759453.01 | 7.31770    | (16050618) |            |           |
| 465409.25  | 3759453.01 | 6.64915    | (15110317) | 465459.25 |
| 3759453.01 | 6.78022    | (15110317) |            |           |
| 465509.25  | 3759453.01 | 6.74383    | (15110317) | 464959.25 |
| 3759503.01 | 11.43538   | (12020716) |            |           |
| 465009.25  | 3759503.01 | 12.36387   | (16041618) | 465059.25 |
| 3759503.01 | 12.93619   | (16041618) |            |           |
| 465109.25  | 3759503.01 | 11.99398   | (16041618) | 465159.25 |
| 3759503.01 | 11.08576   | (16121116) |            |           |
| 465209.25  | 3759503.01 | 10.35527   | (16112016) | 465259.25 |
| 3759503.01 | 9.59744    | (16021717) |            |           |
| 465309.25  | 3759503.01 | 8.68092    | (12113016) | 465359.25 |
| 3759503.01 | 8.11922    | (13120324) |            |           |
| 465409.25  | 3759503.01 | 8.05014    | (13120324) | 465459.25 |
| 3759503.01 | 7.80669    | (13120324) |            |           |

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 Structure Operations \*\*\* 11/26/24

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 465509.25   | 3759503.01  | 7.44218    | (13120324) | 464959.25   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759553.01 | 14.19848   | (16041618) |            |           |
| 465009.25  | 3759553.01 | 13.90497   | (16041618) | 465059.25 |
| 3759553.01 | 13.17925   | (16021717) |            |           |
| 465109.25  | 3759553.01 | 13.29011   | (16021717) | 465159.25 |
| 3759553.01 | 12.37482   | (16021717) |            |           |
| 465209.25  | 3759553.01 | 11.68094   | (12113016) | 465259.25 |
| 3759553.01 | 10.62486   | (12113016) |            |           |
| 465309.25  | 3759553.01 | 9.47052    | (12120216) | 465359.25 |
| 3759553.01 | 8.96429    | (13120324) |            |           |
| 465409.25  | 3759553.01 | 8.39946    | (13120324) | 465459.25 |
| 3759553.01 | 7.84654    | (15072419) |            |           |
| 465509.25  | 3759553.01 | 7.42040    | (15072419) | 464959.25 |
| 3759603.01 | 15.58296   | (16021717) |            |           |
| 465009.25  | 3759603.01 | 15.86001   | (16021717) | 465059.25 |
| 3759603.01 | 14.97039   | (12113016) |            |           |
| 465109.25  | 3759603.01 | 14.31996   | (12113016) | 465159.25 |
| 3759603.01 | 13.34343   | (12120216) |            |           |
| 465209.25  | 3759603.01 | 12.03617   | (12120216) | 465259.25 |
| 3759603.01 | 10.59160   | (16121516) |            |           |
| 465309.25  | 3759603.01 | 9.51714    | (16121516) | 465359.25 |
| 3759603.01 | 8.73480    | (14041119) |            |           |
| 465409.25  | 3759603.01 | 8.40531    | (14041119) | 465459.25 |
| 3759603.01 | 7.97541    | (14041119) |            |           |
| 465509.25  | 3759603.01 | 7.53319    | (16052019) | 464959.25 |
| 3759653.01 | 16.90994   | (12021117) |            |           |
| 465009.25  | 3759653.01 | 15.99184   | (12021117) | 465059.25 |
| 3759653.01 | 15.16052   | (13042218) |            |           |
| 465109.25  | 3759653.01 | 14.49652   | (15121016) | 465159.25 |
| 3759653.01 | 13.53321   | (15121016) |            |           |
| 465209.25  | 3759653.01 | 12.30781   | (15121016) | 465259.25 |
| 3759653.01 | 11.03406   | (16012917) |            |           |
| 465309.25  | 3759653.01 | 10.09725   | (16012917) | 465359.25 |
| 3759653.01 | 9.12289    | (16052019) |            |           |
| 465409.25  | 3759653.01 | 8.64726    | (13052219) | 465459.25 |
| 3759653.01 | 8.18820    | (14092618) |            |           |
| 465509.25  | 3759653.01 | 7.75354    | (14092618) | 464959.25 |
| 3759703.01 | 19.41059   | (15121016) |            |           |
| 465009.25  | 3759703.01 | 18.03348   | (15121016) | 465059.25 |
| 3759703.01 | 16.39826   | (15121016) |            |           |
| 465109.25  | 3759703.01 | 15.28189   | (12050118) | 465159.25 |
| 3759703.01 | 13.97893   | (12050118) |            |           |
| 465209.25  | 3759703.01 | 12.57425   | (12050118) | 465259.25 |
| 3759703.01 | 11.22622   | (16012917) |            |           |
| 465309.25  | 3759703.01 | 10.00343   | (16101618) | 465359.25 |
| 3759703.01 | 9.43700    | (16100518) |            |           |
| 465409.25  | 3759703.01 | 8.91121    | (16100518) | 465459.25 |
| 3759703.01 | 8.40223    | (16100518) |            |           |
| 465509.25  | 3759703.01 | 7.91074    | (16100518) | 465160.97 |
| 3759198.29 | 9.20264    | (12101417) |            |           |
| 465210.97  | 3759198.29 | 7.64449    | (12101417) | 465260.97 |
| 3759198.29 | 5.67470    | (12101417) |            |           |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 465310.97  | 3759198.29 | 4.41209    | (14031519) | 465360.97 |
| 3759198.29 | 4.41749    | (16010316) |            |           |
| 465160.97  | 3759248.29 | 8.93496    | (12101417) | 465210.97 |
| 3759248.29 | 6.52152    | (12101417) |            |           |
| 465260.97  | 3759248.29 | 5.55492    | (16010316) | 465310.97 |
| 3759248.29 | 5.57294    | (16010316) |            |           |
| 465360.97  | 3759248.29 | 5.28368    | (16010316) | 465160.97 |
| 3759298.29 | 7.30386    | (12101417) |            |           |
| 465210.97  | 3759298.29 | 6.91693    | (16010316) | 465260.97 |
| 3759298.29 | 6.92690    | (16010316) |            |           |
| 465310.97  | 3759298.29 | 6.50686    | (16010316) | 465360.97 |
| 3759298.29 | 5.81421    | (16010316) |            |           |
| 465160.97  | 3759348.29 | 8.44521    | (16010316) | 465210.97 |
| 3759348.29 | 8.42508    | (16010316) |            |           |
| 465260.97  | 3759348.29 | 7.81745    | (16010316) | 465310.97 |
| 3759348.29 | 6.86927    | (16010316) |            |           |
| 465360.97  | 3759348.29 | 6.20424    | (16041618) | 465160.97 |
| 3759398.29 | 9.92095    | (16010316) |            |           |
| 465210.97  | 3759398.29 | 9.05569    | (16010316) | 465260.97 |
| 3759398.29 | 8.23390    | (16041618) |            |           |
| 465310.97  | 3759398.29 | 7.46749    | (16121116) | 465360.97 |
| 3759398.29 | 6.94502    | (16121116) |            |           |
| 464719.89  | 3759036.22 | 12.38583   | (15112917) | 464769.89 |
| 3759036.22 | 11.05933   | (16120317) |            |           |
| 464819.89  | 3759036.22 | 10.50105   | (16120317) | 464869.89 |
| 3759036.22 | 8.66868    | (12010818) |            |           |
| 464919.89  | 3759036.22 | 8.03334    | (13010721) | 464969.89 |
| 3759036.22 | 9.01169    | (14122706) |            |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GEN ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

| X-COORD (M) | Y-COORD (M) | CONC       | (YYMMDDHH) | X-COORD (M) |
|-------------|-------------|------------|------------|-------------|
| Y-COORD (M) | CONC        | (YYMMDDHH) |            |             |
| 464719.89   | 3759086.22  | 12.21837   | (15112917) | 464769.89   |

|            |            |            |            |           |
|------------|------------|------------|------------|-----------|
| 3759086.22 | 11.81441   | (16120317) |            |           |
| 464819.89  | 3759086.22 | 10.50096   | (16120317) | 464869.89 |
| 3759086.22 | 8.60917    | (13010721) |            |           |
| 464919.89  | 3759086.22 | 8.61409    | (14122706) | 464969.89 |
| 3759086.22 | 10.41122   | (14122706) |            |           |
| 464719.89  | 3759136.22 | 12.12344   | (15112917) | 464769.89 |
| 3759136.22 | 12.55095   | (16120317) |            |           |
| 464819.89  | 3759136.22 | 10.15973   | (16120317) | 464869.89 |
| 3759136.22 | 8.41781    | (13010721) |            |           |
| 464919.89  | 3759136.22 | 10.36637   | (14122706) | 464969.89 |
| 3759136.22 | 11.44463   | (14122706) |            |           |
| 464719.89  | 3759186.22 | 12.49564   | (16120317) | 464769.89 |
| 3759186.22 | 13.09289   | (16120317) |            |           |
| 464819.89  | 3759186.22 | 9.29049    | (12010818) | 464869.89 |
| 3759186.22 | 9.87076    | (16120316) |            |           |
| 464919.89  | 3759186.22 | 12.14841   | (14122706) | 464969.89 |
| 3759186.22 | 12.78305   | (15041518) |            |           |
| 464719.89  | 3759236.22 | 13.82202   | (16120317) | 464769.89 |
| 3759236.22 | 13.21202   | (16120317) |            |           |
| 464819.89  | 3759236.22 | 9.86430    | (12022117) | 464869.89 |
| 3759236.22 | 12.03712   | (14122706) |            |           |
| 464919.89  | 3759236.22 | 13.86120   | (15041518) |           |

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848  
 HRS) RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3  
 \*\*

| GROUP ID              | NETWORK              | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV,       |
|-----------------------|----------------------|--------------|--------------------------------|
| ZHILL, ZFLAG) OF TYPE | GRID-ID              |              |                                |
| ALL                   | 1ST HIGHEST VALUE IS | 8.17383 AT ( | 464494.57, 3759655.56, 242.61, |
| 402.12,               | 0.00) DC             |              |                                |
|                       | 2ND HIGHEST VALUE IS | 7.70339 AT ( | 464609.77, 3759718.55, 243.49, |
| 402.12,               | 0.00) DC             |              |                                |
|                       | 3RD HIGHEST VALUE IS | 6.92224 AT ( | 464544.57, 3759655.56, 242.66, |
| 402.12,               | 0.00) DC             |              |                                |

4TH HIGHEST VALUE IS 6.75168 AT ( 464444.57, 3759655.56, 242.07,  
402.12, 0.00) DC  
5TH HIGHEST VALUE IS 5.79856 AT ( 464450.80, 3759744.24, 242.49,  
402.12, 0.00) DC  
6TH HIGHEST VALUE IS 5.51152 AT ( 464709.77, 3759718.55, 246.16,  
402.12, 0.00) DC  
7TH HIGHEST VALUE IS 5.05859 AT ( 464788.18, 3759737.20, 249.01,  
402.12, 0.00) DC  
8TH HIGHEST VALUE IS 5.01836 AT ( 464759.77, 3759718.55, 251.08,  
402.12, 0.00) DC  
9TH HIGHEST VALUE IS 4.99965 AT ( 464659.77, 3759718.55, 243.86,  
402.12, 0.00) DC  
10TH HIGHEST VALUE IS 4.53051 AT ( 464380.94, 3759646.79, 241.46,  
402.12, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

| GROUP ID                      | DATE       | NETWORK                      | RECEPTOR  |
|-------------------------------|------------|------------------------------|-----------|
| (XR, YR, ZELEV, ZHILL, ZFLAG) | (YYMMDDHH) | AVERAGE CONC OF TYPE GRID-ID |           |
| - - - - -                     | - - - - -  | - - - - -                    | - - - - - |
| - - - - -                     | - - - - -  | - - - - -                    | - - - - - |

ALL HIGH 1ST HIGH VALUE IS 100.20272 ON 14013121: AT ( 464544.57,  
3759655.56, 242.66, 402.12, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* Riverside Community Hospital Parking

Structure Operations \*\*\* 11/26/24  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 3 Warning Message(s)  
A Total of 1638 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 1039 Calm Hours Identified  
  
A Total of 599 Missing Hours Identified ( 1.37 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
SO W320 39 PPARM: Input Parameter May Be Out-of-Range for Parameter  
VS  
ME W186 101 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 101 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

# RCH Parking Garage Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field                  | Value                                       |
|-----------------------------|---------------------------------------------|
| Project Name                | RCH Parking Garage                          |
| Construction Start Date     | 4/1/2025                                    |
| Operational Year            | 2026                                        |
| Lead Agency                 | —                                           |
| Land Use Scale              | Project/site                                |
| Analysis Level for Defaults | County                                      |
| Windspeed (m/s)             | 2.20                                        |
| Precipitation (days)        | 6.80                                        |
| Location                    | 4445 Magnolia Ave, Riverside, CA 92501, USA |
| County                      | Riverside-South Coast                       |
| City                        | Riverside                                   |
| Air District                | South Coast AQMD                            |
| Air Basin                   | South Coast                                 |
| TAZ                         | 5405                                        |
| EDFZ                        | 11                                          |
| Electric Utility            | City of Riverside                           |
| Gas Utility                 | Southern California Gas                     |
| App Version                 | 2022.1.1.29                                 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|

|                                  |     |       |      |         |        |      |   |   |
|----------------------------------|-----|-------|------|---------|--------|------|---|---|
| Unenclosed Parking with Elevator | 598 | Space | 1.76 | 207,780 | 15,632 | 0.00 | — | — |
|----------------------------------|-----|-------|------|---------|--------|------|---|---|

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit.             | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 0.72 | 0.69 | 5.07 | 17.6 | 0.04    | 0.09  | 3.70  | 3.79  | 0.09   | 1.51   | 1.60   | —    | 5,022 | 5,022 | 0.15 | 0.40 | 7.48 | 5,150 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 1.32 | 1.18 | 10.3 | 31.9 | 0.05    | 0.09  | 2.86  | 2.96  | 0.09   | 0.70   | 0.79   | —    | 7,949 | 7,949 | 0.30 | 0.43 | 0.39 | 8,086 |
| Average Daily (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 0.36 | 0.32 | 3.20 | 11.3 | 0.02    | 0.05  | 1.71  | 1.76  | 0.05   | 0.54   | 0.59   | —    | 2,992 | 2,992 | 0.10 | 0.19 | 1.84 | 3,052 |
| Annual (Max)        | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 0.07 | 0.06 | 0.58 | 2.05 | < 0.005 | 0.01  | 0.31  | 0.32  | 0.01   | 0.10   | 0.11   | —    | 495   | 495   | 0.02 | 0.03 | 0.31 | 505   |

### 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
|------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|

|                      |      |      |      |      |         |         |      |      |         |      |      |   |       |       |         |         |      |       |
|----------------------|------|------|------|------|---------|---------|------|------|---------|------|------|---|-------|-------|---------|---------|------|-------|
| Daily - Summer (Max) | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| 2025                 | 0.72 | 0.61 | 5.07 | 17.6 | 0.04    | 0.09    | 3.70 | 3.79 | 0.09    | 1.51 | 1.60 | — | 5,022 | 5,022 | 0.15    | 0.40    | 7.48 | 5,150 |
| 2026                 | 0.72 | 0.69 | 1.82 | 11.0 | 0.01    | 0.02    | 0.62 | 0.64 | 0.02    | 0.15 | 0.17 | — | 1,779 | 1,779 | 0.07    | 0.03    | 2.21 | 1,792 |
| Daily - Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| 2025                 | 1.32 | 1.18 | 10.3 | 31.9 | 0.05    | 0.09    | 2.86 | 2.96 | 0.09    | 0.70 | 0.79 | — | 7,949 | 7,949 | 0.30    | 0.43    | 0.39 | 8,086 |
| 2026                 | 0.71 | 0.68 | 5.06 | 15.6 | 0.03    | 0.05    | 1.43 | 1.48 | 0.05    | 0.35 | 0.39 | — | 3,933 | 3,933 | 0.11    | 0.22    | 0.18 | 4,001 |
| Average Daily        | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| 2025                 | 0.36 | 0.32 | 3.20 | 11.3 | 0.02    | 0.05    | 1.71 | 1.76 | 0.05    | 0.54 | 0.59 | — | 2,992 | 2,992 | 0.10    | 0.19    | 1.84 | 3,052 |
| 2026                 | 0.27 | 0.26 | 1.00 | 4.31 | 0.01    | 0.01    | 0.32 | 0.33 | 0.01    | 0.08 | 0.09 | — | 846   | 846   | 0.03    | 0.03    | 0.56 | 856   |
| Annual               | —    | —    | —    | —    | —       | —       | —    | —    | —       | —    | —    | — | —     | —     | —       | —       | —    | —     |
| 2025                 | 0.07 | 0.06 | 0.58 | 2.05 | < 0.005 | 0.01    | 0.31 | 0.32 | 0.01    | 0.10 | 0.11 | — | 495   | 495   | 0.02    | 0.03    | 0.31 | 505   |
| 2026                 | 0.05 | 0.05 | 0.18 | 0.79 | < 0.005 | < 0.005 | 0.06 | 0.06 | < 0.005 | 0.01 | 0.02 | — | 140   | 140   | < 0.005 | < 0.005 | 0.09 | 142   |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit.             | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 1.62 | 1.50 | 0.08 | 9.04 | < 0.005 | 0.02  | 0.00  | 0.02  | 0.01   | 0.00   | 0.01   | 0.00 | 1,439 | 1,439 | 0.05 | 0.01 | 0.00 | 1,442 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Unmit.              | 0.02 | 0.02 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 1,401 | 1,401 | 0.05 | 0.01 | 0.00 | 1,405 |
| Average Daily (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |

|              |      |      |      |      |         |         |      |         |         |      |         |      |       |       |      |         |      |       |
|--------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|------|---------|------|-------|
| Unmit.       | 1.12 | 1.03 | 0.05 | 6.19 | < 0.005 | 0.01    | 0.00 | 0.01    | 0.01    | 0.00 | 0.01    | 0.00 | 1,427 | 1,427 | 0.05 | 0.01    | 0.00 | 1,430 |
| Annual (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —    | —       | —    | —     |
| Unmit.       | 0.20 | 0.19 | 0.01 | 1.13 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 236   | 236   | 0.01 | < 0.005 | 0.00 | 237   |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector              | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | R    | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Area                | 1.62 | 1.50 | 0.08 | 9.04 | < 0.005 | 0.02  | —     | 0.02  | 0.01   | —      | 0.01   | —    | 37.2  | 37.2  | < 0.005 | < 0.005 | —    | 37.3  |
| Energy              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 1,401 | 1,401 | 0.05    | 0.01    | —    | 1,404 |
| Water               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73  | < 0.005 | < 0.005 | —    | 0.73  |
| Waste               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00  | 0.00    | 0.00    | —    | 0.00  |
| Total               | 1.62 | 1.50 | 0.08 | 9.04 | < 0.005 | 0.02  | 0.00  | 0.02  | 0.01   | 0.00   | 0.01   | 0.00 | 1,439 | 1,439 | 0.05    | 0.01    | 0.00 | 1,442 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Area                | 0.02 | 0.02 | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Energy              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 1,401 | 1,401 | 0.05    | 0.01    | —    | 1,404 |
| Water               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73  | < 0.005 | < 0.005 | —    | 0.73  |
| Waste               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00  | 0.00    | 0.00    | —    | 0.00  |
| Total               | 0.02 | 0.02 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 1,401 | 1,401 | 0.05    | 0.01    | 0.00 | 1,405 |
| Average Daily       | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Area                | 1.12 | 1.03 | 0.05 | 6.19 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 25.5  | 25.5  | < 0.005 | < 0.005 | —    | 25.5  |

|        |      |      |      |      |         |         |      |         |         |      |         |      |       |       |         |         |      |       |
|--------|------|------|------|------|---------|---------|------|---------|---------|------|---------|------|-------|-------|---------|---------|------|-------|
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | —    | 0.00    | 0.00    | —    | 0.00    | —    | 1,401 | 1,401 | 0.05    | 0.01    | —    | 1,404 |
| Water  | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 0.00 | 0.73  | 0.73  | < 0.005 | < 0.005 | —    | 0.73  |
| Waste  | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 0.00 | 0.00  | 0.00  | 0.00    | 0.00    | —    | 0.00  |
| Total  | 1.12 | 1.03 | 0.05 | 6.19 | < 0.005 | 0.01    | 0.00 | 0.01    | 0.01    | 0.00 | 0.01    | 0.00 | 1,427 | 1,427 | 0.05    | 0.01    | 0.00 | 1,430 |
| Annual | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | —    | —     | —     | —       | —       | —    | —     |
| Mobile | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Area   | 0.20 | 0.19 | 0.01 | 1.13 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | —    | 4.21  | 4.21  | < 0.005 | < 0.005 | —    | 4.23  |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | —    | 0.00    | 0.00    | —    | 0.00    | —    | 232   | 232   | 0.01    | < 0.005 | —    | 232   |
| Water  | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 0.00 | 0.12  | 0.12  | < 0.005 | < 0.005 | —    | 0.12  |
| Waste  | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | 0.00 | 0.00  | 0.00  | 0.00    | 0.00    | —    | 0.00  |
| Total  | 0.20 | 0.19 | 0.01 | 1.13 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 236   | 236   | 0.01    | < 0.005 | 0.00 | 237   |

### 3. Construction Emissions Details

#### 3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 0.25 | 0.25 | 2.27 | 14.6 | 0.02 | 0.05  | —     | 0.05  | 0.05   | —      | 0.05   | —    | 2,494 | 2,494 | 0.10 | 0.02 | —    | 2,502 |
| Demolition          | —    | —    | —    | —    | —    | —     | 2.92  | 2.92  | —      | 0.44   | 0.44   | —    | —     | —     | —    | —    | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |

|                     |      |      |      |      |         |         |      |         |         |         |         |   |       |       |         |         |      |       |
|---------------------|------|------|------|------|---------|---------|------|---------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Average Daily       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipm ent | 0.03 | 0.03 | 0.27 | 1.75 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —       | 0.01    | — | 301   | 301   | 0.01    | < 0.005 | —    | 302   |
| Demoliti on         | —    | —    | —    | —    | —       | —       | 0.35 | 0.35    | —       | 0.05    | 0.05    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipm ent | 0.01 | 0.01 | 0.05 | 0.32 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —       | < 0.005 | — | 49.8  | 49.8  | < 0.005 | < 0.005 | —    | 49.9  |
| Demoliti on         | —    | —    | —    | —    | —       | —       | 0.06 | 0.06    | —       | 0.01    | 0.01    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.07 | 0.06 | 0.05 | 0.97 | 0.00    | 0.00    | 0.16 | 0.16    | 0.00    | 0.04    | 0.04    | — | 176   | 176   | 0.01    | 0.01    | 0.65 | 179   |
| Vendor              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Hauling             | 0.10 | 0.04 | 2.61 | 0.64 | 0.02    | 0.05    | 0.62 | 0.66    | 0.05    | 0.17    | 0.22    | — | 2,352 | 2,352 | 0.04    | 0.37    | 5.02 | 2,469 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Average Daily       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.01 | 0.01 | 0.01 | 0.09 | 0.00    | 0.00    | 0.02 | 0.02    | 0.00    | < 0.005 | < 0.005 | — | 19.8  | 19.8  | < 0.005 | < 0.005 | 0.03 | 20.1  |

|         |         |         |         |      |         |         |         |         |         |         |         |   |      |      |         |         |      |      |
|---------|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Vendor  | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling | 0.01    | < 0.005 | 0.33    | 0.08 | < 0.005 | 0.01    | 0.07    | 0.08    | 0.01    | 0.02    | 0.03    | — | 284  | 284  | 0.01    | 0.04    | 0.26 | 297  |
| Annual  | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker  | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 3.27 | 3.27 | < 0.005 | < 0.005 | 0.01 | 3.32 |
| Vendor  | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling | < 0.005 | < 0.005 | 0.06    | 0.01 | < 0.005 | < 0.005 | 0.01    | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 47.0 | 47.0 | < 0.005 | 0.01    | 0.04 | 49.2 |

### 3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location                    | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | R    | CO2e  |
|-----------------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|------|-------|
| Onsite                      | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max)         | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment          | 0.19 | 0.19 | 1.01 | 11.9 | 0.02    | 0.04    | —     | 0.04    | 0.04    | —      | 0.04    | —    | 2,065 | 2,065 | 0.08    | 0.02    | —    | 2,072 |
| Dust From Material Movement | —    | —    | —    | —    | —       | —       | 2.44  | 2.44    | —       | 1.17   | 1.17    | —    | —     | —     | —       | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max)         | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Average Daily               | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment          | 0.01 | 0.01 | 0.06 | 0.65 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 113   | 113   | < 0.005 | < 0.005 | —    | 114   |

|                             |         |         |         |         |         |         |         |         |         |         |         |   |      |      |         |         |         |      |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement | —       | —       | —       | —       | —       | —       | 0.13    | 0.13    | —       | 0.06    | 0.06    | — | —    | —    | —       | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual                      | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Off-Road Equipment          | < 0.005 | < 0.005 | 0.01    | 0.12    | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 18.7 | 18.7 | < 0.005 | < 0.005 | —       | 18.8 |
| Dust From Material Movement | —       | —       | —       | —       | —       | —       | 0.02    | 0.02    | —       | 0.01    | 0.01    | — | —    | —    | —       | —       | —       | —    |
| Onsite truck                | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Offsite                     | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Daily, Summer (Max)         | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker                      | 0.04    | 0.03    | 0.03    | 0.58    | 0.00    | 0.00    | 0.10    | 0.10    | 0.00    | 0.02    | 0.02    | — | 106  | 106  | < 0.005 | < 0.005 | 0.39    | 107  |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Daily, Winter (Max)         | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Average Daily               | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker                      | < 0.005 | < 0.005 | < 0.005 | 0.03    | 0.00    | 0.00    | 0.01    | 0.01    | 0.00    | < 0.005 | < 0.005 | — | 5.39 | 5.39 | < 0.005 | < 0.005 | 0.01    | 5.47 |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Hauling                     | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00 |
| Annual                      | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | — | —    | —    | —       | —       | —       | —    |
| Worker                      | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 0.89 | 0.89 | < 0.005 | < 0.005 | < 0.005 | 0.91 |

|         |      |      |      |      |      |      |      |      |      |      |      |   |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|
| Vendor  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

### 3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location                    | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O     | R    | CO2e  |
|-----------------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|------|-------|
| Onsite                      | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —    | —     |
| Daily, Summer (Max)         | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment          | 0.23 | 0.23 | 1.20 | 14.2 | 0.02    | 0.05  | —     | 0.05  | 0.05   | —      | 0.05   | —    | 2,455 | 2,455 | 0.10 | 0.02    | —    | 2,463 |
| Dust From Material Movement | —    | —    | —    | —    | —       | —     | 2.77  | 2.77  | —      | 1.34   | 1.34   | —    | —     | —     | —    | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max)         | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —    | —     |
| Average Daily               | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment          | 0.04 | 0.04 | 0.21 | 2.54 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 437   | 437   | 0.02 | < 0.005 | —    | 439   |
| Dust From Material Movement | —    | —    | —    | —    | —       | —     | 0.49  | 0.49  | —      | 0.24   | 0.24   | —    | —     | —     | —    | —       | —    | —     |
| Onsite truck                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |

|                             |         |         |         |      |         |         |         |         |         |         |         |   |       |       |         |         |      |       |
|-----------------------------|---------|---------|---------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Annual                      | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment          | 0.01    | 0.01    | 0.04    | 0.46 | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 72.4  | 72.4  | < 0.005 | < 0.005 | —    | 72.6  |
| Dust From Material Movement | —       | —       | —       | —    | —       | —       | 0.09    | 0.09    | —       | 0.04    | 0.04    | — | —     | —     | —       | —       | —    | —     |
| Onsite truck                | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite                     | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max)         | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker                      | 0.05    | 0.04    | 0.04    | 0.77 | 0.00    | 0.00    | 0.13    | 0.13    | 0.00    | 0.03    | 0.03    | — | 141   | 141   | 0.01    | < 0.005 | 0.52 | 143   |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Hauling                     | 0.08    | 0.03    | 2.20    | 0.54 | 0.01    | 0.04    | 0.52    | 0.56    | 0.04    | 0.15    | 0.18    | — | 1,988 | 1,988 | 0.04    | 0.31    | 4.24 | 2,086 |
| Daily, Winter (Max)         | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Average Daily               | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker                      | 0.01    | 0.01    | 0.01    | 0.11 | 0.00    | 0.00    | 0.02    | 0.02    | 0.00    | 0.01    | 0.01    | — | 23.4  | 23.4  | < 0.005 | < 0.005 | 0.04 | 23.7  |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Hauling                     | 0.01    | 0.01    | 0.41    | 0.10 | < 0.005 | 0.01    | 0.09    | 0.10    | 0.01    | 0.03    | 0.03    | — | 354   | 354   | 0.01    | 0.06    | 0.32 | 371   |
| Annual                      | —       | —       | —       | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker                      | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00    | 0.00    | < 0.005 | < 0.005 | 0.00    | < 0.005 | < 0.005 | — | 3.87  | 3.87  | < 0.005 | < 0.005 | 0.01 | 3.92  |
| Vendor                      | 0.00    | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Hauling                     | < 0.005 | < 0.005 | 0.08    | 0.02 | < 0.005 | < 0.005 | 0.02    | 0.02    | < 0.005 | < 0.005 | 0.01    | — | 58.6  | 58.6  | < 0.005 | 0.01    | 0.05 | 61.5  |

### 3.7. Infrastructure Improvement (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | R    | CO2e  |
|---------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|---------|---------|------|-------|
| Onsite              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.20 | 0.20 | 3.54 | 10.5 | 0.02    | 0.03    | —     | 0.03    | 0.03    | —      | 0.03    | —    | 1,801 | 1,801 | 0.07    | 0.01    | —    | 1,807 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.04 | 0.04 | 0.64 | 1.89 | < 0.005 | 0.01    | —     | 0.01    | 0.01    | —      | 0.01    | —    | 326   | 326   | 0.01    | < 0.005 | —    | 327   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.01 | 0.01 | 0.12 | 0.35 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 53.9  | 53.9  | < 0.005 | < 0.005 | —    | 54.1  |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —       | —       | —    | —     |

|                     |         |         |      |      |         |         |      |      |         |         |         |   |       |       |         |         |      |       |
|---------------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.41    | 0.37    | 0.42 | 5.09 | 0.00    | 0.00    | 1.14 | 1.14 | 0.00    | 0.27    | 0.27    | — | 1,131 | 1,131 | 0.05    | 0.04    | 0.12 | 1,145 |
| Vendor              | 0.05    | 0.02    | 1.20 | 0.37 | 0.01    | 0.02    | 0.29 | 0.31 | 0.02    | 0.08    | 0.10    | — | 1,043 | 1,043 | 0.02    | 0.16    | 0.08 | 1,090 |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.07    | 0.07    | 0.08 | 0.97 | 0.00    | 0.00    | 0.21 | 0.21 | 0.00    | 0.05    | 0.05    | — | 207   | 207   | 0.01    | 0.01    | 0.35 | 210   |
| Vendor              | 0.01    | < 0.005 | 0.22 | 0.07 | < 0.005 | < 0.005 | 0.05 | 0.06 | < 0.005 | 0.01    | 0.02    | — | 188   | 188   | < 0.005 | 0.03    | 0.23 | 197   |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.01    | 0.01    | 0.02 | 0.18 | 0.00    | 0.00    | 0.04 | 0.04 | 0.00    | 0.01    | 0.01    | — | 34.3  | 34.3  | < 0.005 | < 0.005 | 0.06 | 34.8  |
| Vendor              | < 0.005 | < 0.005 | 0.04 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 31.2  | 31.2  | < 0.005 | < 0.005 | 0.04 | 32.7  |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |

### 3.9. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 0.20 | 0.20 | 3.54 | 10.5 | 0.02 | 0.03  | —     | 0.03  | 0.03   | —      | 0.03   | —    | 1,801 | 1,801 | 0.07 | 0.01 | —    | 1,807 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |

|                     |      |      |      |      |         |         |      |         |         |      |         |   |       |       |         |         |      |       |
|---------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment  | 0.20 | 0.20 | 3.54 | 10.5 | 0.02    | 0.03    | —    | 0.03    | 0.03    | —    | 0.03    | — | 1,801 | 1,801 | 0.07    | 0.01    | —    | 1,807 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.04 | 0.04 | 0.65 | 1.93 | < 0.005 | 0.01    | —    | 0.01    | 0.01    | —    | 0.01    | — | 331   | 331   | 0.01    | < 0.005 | —    | 332   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.01 | 0.01 | 0.12 | 0.35 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 54.9  | 54.9  | < 0.005 | < 0.005 | —    | 55.0  |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.47 | 0.39 | 0.38 | 6.74 | 0.00    | 0.00    | 1.14 | 1.14    | 0.00    | 0.27 | 0.27    | — | 1,230 | 1,230 | 0.05    | 0.04    | 4.52 | 1,249 |
| Vendor              | 0.05 | 0.02 | 1.14 | 0.36 | 0.01    | 0.02    | 0.29 | 0.31    | 0.02    | 0.08 | 0.10    | — | 1,042 | 1,042 | 0.02    | 0.16    | 2.96 | 1,093 |
| Hauling             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.41 | 0.37 | 0.42 | 5.09 | 0.00    | 0.00    | 1.14 | 1.14    | 0.00    | 0.27 | 0.27    | — | 1,131 | 1,131 | 0.05    | 0.04    | 0.12 | 1,145 |
| Vendor              | 0.05 | 0.02 | 1.20 | 0.37 | 0.01    | 0.02    | 0.29 | 0.31    | 0.02    | 0.08 | 0.10    | — | 1,043 | 1,043 | 0.02    | 0.16    | 0.08 | 1,090 |
| Hauling             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —     | —     | —       | —       | —    | —     |

|         |         |         |      |      |         |         |      |      |         |         |         |   |      |      |         |         |      |      |
|---------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Worker  | 0.08    | 0.07    | 0.08 | 0.99 | 0.00    | 0.00    | 0.21 | 0.21 | 0.00    | 0.05    | 0.05    | — | 211  | 211  | 0.01    | 0.01    | 0.36 | 214  |
| Vendor  | 0.01    | < 0.005 | 0.22 | 0.07 | < 0.005 | < 0.005 | 0.05 | 0.06 | < 0.005 | 0.01    | 0.02    | — | 192  | 192  | < 0.005 | 0.03    | 0.24 | 201  |
| Hauling | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual  | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker  | 0.01    | 0.01    | 0.02 | 0.18 | 0.00    | 0.00    | 0.04 | 0.04 | 0.00    | 0.01    | 0.01    | — | 34.9 | 34.9 | < 0.005 | < 0.005 | 0.06 | 35.4 |
| Vendor  | < 0.005 | < 0.005 | 0.04 | 0.01 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 31.7 | 31.7 | < 0.005 | < 0.005 | 0.04 | 33.2 |
| Hauling | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |

### 3.11. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2     | PM10E   | PM10D | PM10T   | PM2.5E  | PM2.5D | PM2.5T  | BCO2 | NBCO2 | CO2T  | CH4  | N2O     | R    | CO2e  |
|---------------------|------|------|------|------|---------|---------|-------|---------|---------|--------|---------|------|-------|-------|------|---------|------|-------|
| Onsite              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —    | —     |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment  | 0.20 | 0.20 | 3.54 | 10.5 | 0.02    | 0.03    | —     | 0.03    | 0.03    | —      | 0.03    | —    | 1,801 | 1,801 | 0.07 | 0.01    | —    | 1,807 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —    | —     |
| Off-Road Equipment  | 0.02 | 0.02 | 0.32 | 0.94 | < 0.005 | < 0.005 | —     | < 0.005 | < 0.005 | —      | < 0.005 | —    | 162   | 162   | 0.01 | < 0.005 | —    | 163   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00  | 0.00    | 0.00    | 0.00   | 0.00    | —    | 0.00  | 0.00  | 0.00 | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —       | —     | —       | —       | —      | —       | —    | —     | —     | —    | —       | —    | —     |

|                     |         |         |      |      |         |         |         |         |         |         |         |   |       |       |         |         |      |       |
|---------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.06 | 0.17 | < 0.005 | < 0.005 | —       | < 0.005 | < 0.005 | —       | < 0.005 | — | 26.8  | 26.8  | < 0.005 | < 0.005 | —    | 26.9  |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —       | —       | —    | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —       | —       | —    | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.39    | 0.35    | 0.38 | 4.75 | 0.00    | 0.00    | 1.14    | 1.14    | 0.00    | 0.27    | 0.27    | — | 1,107 | 1,107 | 0.02    | 0.04    | 0.11 | 1,120 |
| Vendor              | 0.05    | 0.02    | 1.14 | 0.35 | 0.01    | 0.02    | 0.29    | 0.31    | 0.02    | 0.08    | 0.10    | — | 1,026 | 1,026 | 0.02    | 0.16    | 0.07 | 1,074 |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —       | —       | —    | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.04    | 0.03    | 0.04 | 0.45 | 0.00    | 0.00    | 0.10    | 0.10    | 0.00    | 0.02    | 0.02    | — | 101   | 101   | < 0.005 | < 0.005 | 0.16 | 102   |
| Vendor              | < 0.005 | < 0.005 | 0.10 | 0.03 | < 0.005 | < 0.005 | 0.03    | 0.03    | < 0.005 | 0.01    | 0.01    | — | 92.3  | 92.3  | < 0.005 | 0.01    | 0.11 | 96.7  |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —       | —       | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.01    | 0.01    | 0.01 | 0.08 | 0.00    | 0.00    | 0.02    | 0.02    | 0.00    | < 0.005 | < 0.005 | — | 16.7  | 16.7  | < 0.005 | < 0.005 | 0.03 | 16.9  |
| Vendor              | < 0.005 | < 0.005 | 0.02 | 0.01 | < 0.005 | < 0.005 | < 0.005 | 0.01    | < 0.005 | < 0.005 | < 0.005 | — | 15.3  | 15.3  | < 0.005 | < 0.005 | 0.02 | 16.0  |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |

### 3.13. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Onsite              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|                     |         |         |      |      |         |         |      |         |         |      |         |   |      |      |         |         |      |      |
|---------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|------|
| Off-Road Equipment  | 0.10    | 0.10    | 0.99 | 6.65 | 0.01    | 0.02    | —    | 0.02    | 0.02    | —    | 0.02    | — | 991  | 991  | 0.04    | 0.01    | —    | 995  |
| Paving              | 0.05    | 0.05    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Off-Road Equipment  | 0.10    | 0.10    | 0.99 | 6.65 | 0.01    | 0.02    | —    | 0.02    | 0.02    | —    | 0.02    | — | 991  | 991  | 0.04    | 0.01    | —    | 995  |
| Paving              | 0.05    | 0.05    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Average Daily       | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Off-Road Equipment  | 0.03    | 0.03    | 0.26 | 1.73 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 258  | 258  | 0.01    | < 0.005 | —    | 259  |
| Paving              | 0.01    | 0.01    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual              | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Off-Road Equipment  | < 0.005 | < 0.005 | 0.05 | 0.32 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 42.7 | 42.7 | < 0.005 | < 0.005 | —    | 42.9 |
| Paving              | < 0.005 | < 0.005 | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Offsite             | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |

|                     |         |         |         |      |      |      |      |      |      |         |         |   |      |      |         |         |      |      |
|---------------------|---------|---------|---------|------|------|------|------|------|------|---------|---------|---|------|------|---------|---------|------|------|
| Daily, Summer (Max) | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker              | 0.06    | 0.05    | 0.05    | 0.90 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04    | 0.04    | — | 172  | 172  | 0.01    | 0.01    | 0.58 | 175  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Daily, Winter (Max) | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker              | 0.06    | 0.05    | 0.05    | 0.68 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04    | 0.04    | — | 159  | 159  | < 0.005 | 0.01    | 0.02 | 160  |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Average Daily       | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker              | 0.01    | 0.01    | 0.02    | 0.19 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.01    | 0.01    | — | 41.8 | 41.8 | < 0.005 | < 0.005 | 0.07 | 42.3 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual              | —       | —       | —       | —    | —    | —    | —    | —    | —    | —       | —       | — | —    | —    | —       | —       | —    | —    |
| Worker              | < 0.005 | < 0.005 | < 0.005 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 6.92 | 6.92 | < 0.005 | < 0.005 | 0.01 | 7.01 |
| Vendor              | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling             | 0.00    | 0.00    | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |

### 3.15. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Onsite              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|                        |      |      |      |      |         |         |      |         |         |      |         |   |      |      |         |         |      |      |
|------------------------|------|------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|------|
| Off-Road Equipm        | 0.02 | 0.02 | 0.65 | 0.96 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 134  | 134  | 0.01    | < 0.005 | —    | 134  |
| Architectural Coatings | 0.33 | 0.33 | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Daily, Winter (Max)    | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Off-Road Equipment     | 0.02 | 0.02 | 0.65 | 0.96 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 134  | 134  | 0.01    | < 0.005 | —    | 134  |
| Architectural Coatings | 0.33 | 0.33 | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Average Daily          | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Off-Road Equipment     | 0.01 | 0.01 | 0.21 | 0.32 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 43.9 | 43.9 | < 0.005 | < 0.005 | —    | 44.0 |
| Architectural Coatings | 0.11 | 0.11 | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck           | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual                 | —    | —    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |

|                        |         |         |      |      |         |         |      |         |         |      |         |   |      |      |         |         |      |      |
|------------------------|---------|---------|------|------|---------|---------|------|---------|---------|------|---------|---|------|------|---------|---------|------|------|
| Off-Road Equipment     | < 0.005 | < 0.005 | 0.04 | 0.06 | < 0.005 | < 0.005 | —    | < 0.005 | < 0.005 | —    | < 0.005 | — | 7.27 | 7.27 | < 0.005 | < 0.005 | —    | 7.29 |
| Architectural Coatings | 0.02    | 0.02    | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Onsite truck           | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Offsite                | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Daily, Summer (Max)    | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Worker                 | 0.16    | 0.15    | 0.14 | 2.51 | 0.00    | 0.00    | 0.46 | 0.46    | 0.00    | 0.11 | 0.11    | — | 481  | 481  | 0.02    | 0.02    | 1.63 | 488  |
| Vendor                 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Daily, Winter (Max)    | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Worker                 | 0.16    | 0.14    | 0.15 | 1.90 | 0.00    | 0.00    | 0.46 | 0.46    | 0.00    | 0.11 | 0.11    | — | 443  | 443  | 0.01    | 0.02    | 0.04 | 448  |
| Vendor                 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Average Daily          | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Worker                 | 0.05    | 0.05    | 0.05 | 0.65 | 0.00    | 0.00    | 0.15 | 0.15    | 0.00    | 0.03 | 0.03    | — | 147  | 147  | < 0.005 | 0.01    | 0.23 | 149  |
| Vendor                 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Annual                 | —       | —       | —    | —    | —       | —       | —    | —       | —       | —    | —       | — | —    | —    | —       | —       | —    | —    |
| Worker                 | 0.01    | 0.01    | 0.01 | 0.12 | 0.00    | 0.00    | 0.03 | 0.03    | 0.00    | 0.01 | 0.01    | — | 24.4 | 24.4 | < 0.005 | < 0.005 | 0.04 | 24.7 |
| Vendor                 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |
| Hauling                | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | 0.00    | 0.00 | 0.00    | — | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 |

## 4. Operations Emissions Details

### 4.1. Mobile Emissions by Land Use

#### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use                         | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R    | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|------|------|
| Daily, Summer (Max)              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max)              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual                           | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | —    | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use                         | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O     | R | CO2e  |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|-------|------|---------|---|-------|
| Daily, Summer (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 1,401 | 1,401 | 0.05 | 0.01    | — | 1,404 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 1,401 | 1,401 | 0.05 | 0.01    | — | 1,404 |
| Daily, Winter (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 1,401 | 1,401 | 0.05 | 0.01    | — | 1,404 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 1,401 | 1,401 | 0.05 | 0.01    | — | 1,404 |
| Annual                           | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —       | — | —     |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 232   | 232   | 0.01 | < 0.005 | — | 232   |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 232   | 232   | 0.01 | < 0.005 | — | 232   |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use                         | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R | CO2e |
|----------------------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max)              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max)              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual                           | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|--------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
|--------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|

|                        |         |         |      |      |         |      |   |      |      |   |      |   |      |      |         |         |   |      |
|------------------------|---------|---------|------|------|---------|------|---|------|------|---|------|---|------|------|---------|---------|---|------|
| Daily, Summer (Max)    | —       | —       | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Consumer Products      | 0.01    | 0.01    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Architectural Coatings | 0.01    | 0.01    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Landscape Equipment    | 1.61    | 1.48    | 0.08 | 9.04 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 37.2 | 37.2 | < 0.005 | < 0.005 | — | 37.3 |
| Total                  | 1.62    | 1.50    | 0.08 | 9.04 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 37.2 | 37.2 | < 0.005 | < 0.005 | — | 37.3 |
| Daily, Winter (Max)    | —       | —       | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Consumer Products      | 0.01    | 0.01    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Architectural Coatings | 0.01    | 0.01    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Total                  | 0.02    | 0.02    | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Annual                 | —       | —       | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Consumer Products      | < 0.005 | < 0.005 | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |
| Architectural Coatings | < 0.005 | < 0.005 | —    | —    | —       | —    | — | —    | —    | — | —    | — | —    | —    | —       | —       | — | —    |

|           |      |      |      |      |         |         |   |         |         |   |         |   |      |      |         |         |   |      |
|-----------|------|------|------|------|---------|---------|---|---------|---------|---|---------|---|------|------|---------|---------|---|------|
| Landscape | 0.20 | 0.19 | 0.01 | 1.13 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.21 | 4.21 | < 0.005 | < 0.005 | — | 4.23 |
| Total     | 0.20 | 0.19 | 0.01 | 1.13 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.21 | 4.21 | < 0.005 | < 0.005 | — | 4.23 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use                         | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4     | N2O     | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|---------|---------|---|------|
| Daily, Summer (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —       | —       | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73 | < 0.005 | < 0.005 | — | 0.73 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73 | < 0.005 | < 0.005 | — | 0.73 |
| Daily, Winter (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —       | —       | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73 | < 0.005 | < 0.005 | — | 0.73 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.73  | 0.73 | < 0.005 | < 0.005 | — | 0.73 |
| Annual                           | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —       | —       | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.12  | 0.12 | < 0.005 | < 0.005 | — | 0.12 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.12  | 0.12 | < 0.005 | < 0.005 | — | 0.12 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use                         | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R | CO2e |
|----------------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max)              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual                           | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| Unenclosed Parking with Elevator | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total                            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.6. Refrigerant Emissions by Land Use

## 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.7. Offroad Emissions By Equipment Type

## 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type      | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipm<br>ent<br>Type     | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily,<br>Summer<br>(Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily,<br>Winter<br>(Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual                    | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipm<br>ent<br>Type     | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily,<br>Summer<br>(Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily,<br>Winter<br>(Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                     | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

#### 4.10. Soil Carbon Accumulation By Vegetation Type

##### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation          | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

##### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

#### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species             | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Avoided             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Sequestered         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Removed             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| —                   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Avoided             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Sequestered         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Removed             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| —                   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Avoided     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| —           | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

5. Activity Data

5.1. Construction Schedule

| Phase Name                 | Phase Type            | Start Date | End Date   | Days Per Week | Work Days per Phase | Phase Description |
|----------------------------|-----------------------|------------|------------|---------------|---------------------|-------------------|
| Demolition                 | Demolition            | 4/1/2025   | 6/1/2025   | 5.00          | 44.0                | —                 |
| Site Preparation           | Site Preparation      | 6/2/2025   | 6/29/2025  | 5.00          | 20.0                | —                 |
| Grading                    | Grading               | 6/30/2025  | 9/28/2025  | 5.00          | 65.0                | —                 |
| Infrastructure Improvement | Building Construction | 10/1/2025  | 12/31/2025 | 5.00          | 66.0                | —                 |
| Building Construction      | Building Construction | 9/29/2025  | 2/15/2026  | 5.00          | 100                 | —                 |
| Paving                     | Paving                | 2/16/2026  | 6/28/2026  | 5.00          | 95.0                | —                 |
| Architectural Coating      | Architectural Coating | 2/16/2026  | 7/31/2026  | 5.00          | 120                 | —                 |

5.2. Off-Road Equipment

5.2.1. Unmitigated

| Phase Name | Equipment Type           | Fuel Type | Engine Tier  | Number per Day | Hours Per Day | Horsepower | Load Factor |
|------------|--------------------------|-----------|--------------|----------------|---------------|------------|-------------|
| Demolition | Concrete/Industrial Saws | Diesel    | Tier 4 Final | 1.00           | 8.00          | 33.0       | 0.73        |

|                            |                            |        |              |      |      |      |      |
|----------------------------|----------------------------|--------|--------------|------|------|------|------|
| Demolition                 | Rubber Tired Dozers        | Diesel | Tier 4 Final | 1.00 | 8.00 | 367  | 0.40 |
| Demolition                 | Tractors/Loaders/Back hoes | Diesel | Tier 4 Final | 3.00 | 8.00 | 84.0 | 0.37 |
| Site Preparation           | Graders                    | Diesel | Tier 4 Final | 1.00 | 8.00 | 148  | 0.41 |
| Site Preparation           | Rubber Tired Dozers        | Diesel | Tier 4 Final | 1.00 | 7.00 | 367  | 0.40 |
| Site Preparation           | Tractors/Loaders/Back hoes | Diesel | Tier 4 Final | 1.00 | 8.00 | 84.0 | 0.37 |
| Grading                    | Graders                    | Diesel | Tier 4 Final | 1.00 | 8.00 | 148  | 0.41 |
| Grading                    | Rubber Tired Dozers        | Diesel | Tier 4 Final | 1.00 | 8.00 | 367  | 0.40 |
| Grading                    | Tractors/Loaders/Back hoes | Diesel | Tier 4 Final | 2.00 | 7.00 | 84.0 | 0.37 |
| Infrastructure Improvement | Cranes                     | Diesel | Tier 4 Final | 1.00 | 6.00 | 367  | 0.29 |
| Infrastructure Improvement | Forklifts                  | Diesel | Tier 4 Final | 1.00 | 6.00 | 82.0 | 0.20 |
| Infrastructure Improvement | Generator Sets             | Diesel | Tier 4 Final | 1.00 | 8.00 | 14.0 | 0.74 |
| Infrastructure Improvement | Tractors/Loaders/Back hoes | Diesel | Tier 4 Final | 1.00 | 6.00 | 84.0 | 0.37 |
| Infrastructure Improvement | Welders                    | Diesel | Tier 4 Final | 3.00 | 8.00 | 46.0 | 0.45 |
| Building Construction      | Cranes                     | Diesel | Tier 4 Final | 1.00 | 6.00 | 367  | 0.29 |
| Building Construction      | Forklifts                  | Diesel | Tier 4 Final | 1.00 | 6.00 | 82.0 | 0.20 |
| Building Construction      | Generator Sets             | Diesel | Tier 4 Final | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction      | Tractors/Loaders/Back hoes | Diesel | Tier 4 Final | 1.00 | 6.00 | 84.0 | 0.37 |
| Building Construction      | Welders                    | Diesel | Tier 4 Final | 3.00 | 8.00 | 46.0 | 0.45 |
| Paving                     | Cement and Mortar Mixers   | Diesel | Tier 4 Final | 1.00 | 6.00 | 10.0 | 0.56 |
| Paving                     | Pavers                     | Diesel | Tier 4 Final | 1.00 | 6.00 | 81.0 | 0.42 |
| Paving                     | Paving Equipment           | Diesel | Tier 4 Final | 1.00 | 8.00 | 89.0 | 0.36 |
| Paving                     | Rollers                    | Diesel | Tier 4 Final | 1.00 | 7.00 | 36.0 | 0.38 |

|                       |                       |        |              |      |      |      |      |
|-----------------------|-----------------------|--------|--------------|------|------|------|------|
| Paving                | Tractors/Loaders/Back | Diesel | Tier 4 Final | 1.00 | 8.00 | 84.0 | 0.37 |
| Architectural Coating | Air Compressors       | Diesel | Tier 4 Final | 1.00 | 6.00 | 37.0 | 0.48 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name                 | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix   |
|----------------------------|--------------|-----------------------|----------------|---------------|
| Demolition                 | —            | —                     | —              | —             |
| Demolition                 | Worker       | 12.5                  | 18.5           | LDA,LDT1,LDT2 |
| Demolition                 | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Demolition                 | Hauling      | 34.1                  | 20.0           | HHDT          |
| Demolition                 | Onsite truck | —                     | —              | HHDT          |
| Site Preparation           | —            | —                     | —              | —             |
| Site Preparation           | Worker       | 7.50                  | 18.5           | LDA,LDT1,LDT2 |
| Site Preparation           | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Site Preparation           | Hauling      | 0.00                  | 20.0           | HHDT          |
| Site Preparation           | Onsite truck | —                     | —              | HHDT          |
| Grading                    | —            | —                     | —              | —             |
| Grading                    | Worker       | 10.0                  | 18.5           | LDA,LDT1,LDT2 |
| Grading                    | Vendor       | —                     | 10.2           | HHDT,MHDT     |
| Grading                    | Hauling      | 28.8                  | 20.0           | HHDT          |
| Grading                    | Onsite truck | —                     | —              | HHDT          |
| Infrastructure Improvement | —            | —                     | —              | —             |
| Infrastructure Improvement | Worker       | 87.3                  | 18.5           | LDA,LDT1,LDT2 |
| Infrastructure Improvement | Vendor       | 34.1                  | 10.2           | HHDT,MHDT     |
| Infrastructure Improvement | Hauling      | 0.00                  | 20.0           | HHDT          |
| Infrastructure Improvement | Onsite truck | —                     | —              | HHDT          |
| Building Construction      | —            | —                     | —              | —             |

|                       |              |      |      |               |
|-----------------------|--------------|------|------|---------------|
| Building Construction | Worker       | 87.3 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction | Vendor       | 34.1 | 10.2 | HHDT,MHDT     |
| Building Construction | Hauling      | 0.00 | 20.0 | HHDT          |
| Building Construction | Onsite truck | —    | —    | HHDT          |
| Paving                | —            | —    | —    | —             |
| Paving                | Worker       | 12.5 | 18.5 | LDA,LDT1,LDT2 |
| Paving                | Vendor       | —    | 10.2 | HHDT,MHDT     |
| Paving                | Hauling      | 0.00 | 20.0 | HHDT          |
| Paving                | Onsite truck | —    | —    | HHDT          |
| Architectural Coating | —            | —    | —    | —             |
| Architectural Coating | Worker       | 34.9 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor       | —    | 10.2 | HHDT,MHDT     |
| Architectural Coating | Hauling      | 0.00 | 20.0 | HHDT          |
| Architectural Coating | Onsite truck | —    | —    | HHDT          |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

| Phase Name            | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|-----------------------|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
| Architectural Coating | 0.00                                     | 0.00                                     | 3,450                                        | 383                                          | 4,600                       |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name       | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (Ton of Debris) | Acres Paved (acres) |
|------------------|------------------------|------------------------|----------------------|-------------------------------------|---------------------|
| Demolition       | 0.00                   | 0.00                   | 0.00                 | 6,005                               | —                   |
| Site Preparation | —                      | —                      | 18.8                 | 0.00                                | —                   |
| Grading          | —                      | 15,000                 | 65.0                 | 0.00                                | —                   |
| Paving           | 0.00                   | 0.00                   | 0.00                 | 0.00                                | 1.76                |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|----------------------------|---------------------|----------------|-----------------|
| Water Exposed Area         | 2                   | 61%            | 61%             |

### 5.7. Construction Paving

| Land Use                         | Area Paved (acres) | % Asphalt |
|----------------------------------|--------------------|-----------|
| Unenclosed Parking with Elevator | 1.76               | 100%      |

### 5.8. Construction Electricity Consumption and Emissions Factors

#### kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4  | N2O     |
|------|--------------|-----|------|---------|
| 2025 | 0.00         | 873 | 0.03 | < 0.005 |
| 2026 | 0.00         | 873 | 0.03 | < 0.005 |

### 5.9. Operational Mobile Sources

#### 5.9.1. Unmitigated

| Land Use Type                    | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|----------------------------------|---------------|----------------|--------------|------------|-------------|--------------|------------|----------|
| Unenclosed Parking with Elevator | 0.00          | 0.00           | 0.00         | 0.00       | 0.00        | 0.00         | 0.00       | 0.00     |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
| 0                                        | 0.00                                     | 3,450                                        | 383                                          | 4,600                       |

### 5.10.3. Landscape Equipment

| Season      | Unit   | Value |
|-------------|--------|-------|
| Snow Days   | day/yr | 0.00  |
| Summer Days | day/yr | 250   |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

#### Electricity (kWh/yr) and CO<sub>2</sub> and CH<sub>4</sub> and N<sub>2</sub>O and Natural Gas (kBTU/yr)

| Land Use                         | Electricity (kWh/yr) | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | Natural Gas (kBTU/yr) |
|----------------------------------|----------------------|-----------------|-----------------|------------------|-----------------------|
| Unenclosed Parking with Elevator | 585,524              | 873             | 0.0330          | 0.0040           | 0.00                  |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use                         | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|----------------------------------|-------------------------|--------------------------|
| Unenclosed Parking with Elevator | 0.00                    | 57,398                   |

### 5.13. Operational Waste Generation

#### 5.13.1. Unmitigated

| Land Use                         | Waste (ton/year) | Cogeneration (kWh/year) |
|----------------------------------|------------------|-------------------------|
| Unenclosed Parking with Elevator | 0.00             | —                       |

### 5.14. Operational Refrigeration and Air Conditioning Equipment

#### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---------------|----------------|-------------|-----|---------------|----------------------|-------------------|----------------|
|---------------|----------------|-------------|-----|---------------|----------------------|-------------------|----------------|

### 5.15. Operational Off-Road Equipment

#### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|----------------|-----------|-------------|----------------|---------------|------------|-------------|
|----------------|-----------|-------------|----------------|---------------|------------|-------------|

### 5.16. Stationary Sources

#### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|----------------|-----------|----------------|---------------|----------------|------------|-------------|
|----------------|-----------|----------------|---------------|----------------|------------|-------------|

#### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|----------------|-----------|--------|--------------------------|------------------------------|------------------------------|
|----------------|-----------|--------|--------------------------|------------------------------|------------------------------|

### 5.17. User Defined

| Equipment Type | Fuel Type |
|----------------|-----------|
|----------------|-----------|

### 5.18. Vegetation

#### 5.18.1. Land Use Change

##### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|--------------------------|----------------------|---------------|-------------|
|--------------------------|----------------------|---------------|-------------|

#### 5.18.1. Biomass Cover Type

##### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|--------------------|---------------|-------------|
|--------------------|---------------|-------------|

#### 5.18.2. Sequestration

##### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|-----------|--------|------------------------------|------------------------------|
|-----------|--------|------------------------------|------------------------------|

## 6. Climate Risk Detailed Report

### 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard               | Result for Project Location | Unit                                       |
|------------------------------|-----------------------------|--------------------------------------------|
| Temperature and Extreme Heat | 25.6                        | annual days of extreme heat                |
| Extreme Precipitation        | 2.20                        | annual days with precipitation above 20 mm |
| Sea Level Rise               | —                           | meters of inundation depth                 |
| Wildfire                     | 1.19                        | annual hectares burned                     |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about  $\frac{3}{4}$  an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard               | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | 3              | 0                 | 0                       | N/A                 |
| Extreme Precipitation        | N/A            | N/A               | N/A                     | N/A                 |
| Sea Level Rise               | 1              | 0                 | 0                       | N/A                 |
| Wildfire                     | 1              | 0                 | 0                       | N/A                 |
| Flooding                     | N/A            | N/A               | N/A                     | N/A                 |
| Drought                      | N/A            | N/A               | N/A                     | N/A                 |
| Snowpack Reduction           | N/A            | N/A               | N/A                     | N/A                 |
| Air Quality Degradation      | 0              | 0                 | 0                       | N/A                 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard               | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | 3              | 1                 | 1                       | 3                   |
| Extreme Precipitation        | N/A            | N/A               | N/A                     | N/A                 |
| Sea Level Rise               | 1              | 1                 | 1                       | 2                   |

|                         |     |     |     |     |
|-------------------------|-----|-----|-----|-----|
| Wildfire                | 1   | 1   | 1   | 2   |
| Flooding                | N/A | N/A | N/A | N/A |
| Drought                 | N/A | N/A | N/A | N/A |
| Snowpack Reduction      | N/A | N/A | N/A | N/A |
| Air Quality Degradation | 1   | 1   | 1   | 2   |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator           | Result for Project Census Tract |
|---------------------|---------------------------------|
| Exposure Indicators | —                               |
| AQ-Ozone            | 97.0                            |
| AQ-PM               | 91.0                            |
| AQ-DPM              | 96.0                            |
| Drinking Water      | 77.4                            |
| Lead Risk Housing   | 81.5                            |
| Pesticides          | 0.00                            |
| Toxic Releases      | 56.7                            |
| Traffic             | 68.2                            |
| Effect Indicators   | —                               |
| CleanUp Sites       | 88.4                            |
| Groundwater         | 85.1                            |

|                                 |      |
|---------------------------------|------|
| Haz Waste Facilities/Generators | 84.9 |
| Impaired Water Bodies           | 0.00 |
| Solid Waste                     | 9.67 |
| Sensitive Population            | —    |
| Asthma                          | 91.3 |
| Cardio-vascular                 | 96.4 |
| Low Birth Weights               | 87.6 |
| Socioeconomic Factor Indicators | —    |
| Education                       | 63.6 |
| Housing                         | 78.7 |
| Linguistic                      | 59.8 |
| Poverty                         | 78.0 |
| Unemployment                    | 73.4 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator              | Result for Project Census Tract |
|------------------------|---------------------------------|
| Economic               | —                               |
| Above Poverty          | 19.49185166                     |
| Employed               | 2.130116771                     |
| Median HI              | 5.556268446                     |
| Education              | —                               |
| Bachelor's or higher   | 24.75298345                     |
| High school enrollment | 3.772616451                     |
| Preschool enrollment   | 1.873476197                     |
| Transportation         | —                               |
| Auto Access            | 5.158475555                     |
| Active commuting       | 87.77107661                     |

|                                              |             |
|----------------------------------------------|-------------|
| Social                                       | —           |
| 2-parent households                          | 12.6780444  |
| Voting                                       | 1.976132427 |
| Neighborhood                                 | —           |
| Alcohol availability                         | 14.92364943 |
| Park access                                  | 81.35506224 |
| Retail density                               | 97.92121134 |
| Supermarket access                           | 80.46965225 |
| Tree canopy                                  | 28.26895932 |
| Housing                                      | —           |
| Homeownership                                | 6.236365969 |
| Housing habitability                         | 31.64378288 |
| Low-inc homeowner severe housing cost burden | 85.70511998 |
| Low-inc renter severe housing cost burden    | 42.52534326 |
| Uncrowded housing                            | 31.19466188 |
| Health Outcomes                              | —           |
| Insured adults                               | 13.22982163 |
| Arthritis                                    | 30.2        |
| Asthma ER Admissions                         | 5.5         |
| High Blood Pressure                          | 19.3        |
| Cancer (excluding skin)                      | 57.8        |
| Asthma                                       | 12.1        |
| Coronary Heart Disease                       | 23.5        |
| Chronic Obstructive Pulmonary Disease        | 8.5         |
| Diagnosed Diabetes                           | 35.6        |
| Life Expectancy at Birth                     | 4.5         |
| Cognitively Disabled                         | 15.2        |
| Physically Disabled                          | 10.8        |

|                                       |      |
|---------------------------------------|------|
| Heart Attack ER Admissions            | 10.1 |
| Mental Health Not Good                | 13.8 |
| Chronic Kidney Disease                | 35.4 |
| Obesity                               | 8.0  |
| Pedestrian Injuries                   | 90.5 |
| Physical Health Not Good              | 18.1 |
| Stroke                                | 17.3 |
| Health Risk Behaviors                 | —    |
| Binge Drinking                        | 33.9 |
| Current Smoker                        | 4.4  |
| No Leisure Time for Physical Activity | 19.3 |
| Climate Change Exposures              | —    |
| Wildfire Risk                         | 0.0  |
| SLR Inundation Area                   | 0.0  |
| Children                              | 78.7 |
| Elderly                               | 45.2 |
| English Speaking                      | 52.7 |
| Foreign-born                          | 22.8 |
| Outdoor Workers                       | 43.6 |
| Climate Change Adaptive Capacity      | —    |
| Impervious Surface Cover              | 47.5 |
| Traffic Density                       | 69.5 |
| Traffic Access                        | 71.3 |
| Other Indices                         | —    |
| Hardship                              | 79.2 |
| Other Decision Support                | —    |
| 2016 Voting                           | 17.3 |

### 7.3. Overall Health & Equity Scores

| Metric                                                                              | Result for Project Census Tract |
|-------------------------------------------------------------------------------------|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a)                                  | 98.0                            |
| Healthy Places Index Score for Project Location (b)                                 | 1.00                            |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535)           | Yes                             |
| Project Located in a Low-Income Community (Assembly Bill 1550)                      | Yes                             |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No                              |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

### 7.4. Health & Equity Measures

No Health & Equity Measures selected.

### 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

### 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

## 8. User Changes to Default Data

| Screen                            | Justification                                          |
|-----------------------------------|--------------------------------------------------------|
| Land Use                          | Project Area 1.66 ac + 0.1 ac of off site improvements |
| Construction: Construction Phases | Project Schedule                                       |
| Construction: Off-Road Equipment  | Final EIR MM A-2 requiring Tier 4 or better            |